CONSTRUCTION NEWS

Engineering News-Record, Aug. 6, 1925

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close — See Eng. News-Record

WATERWORKS

Aug. 7 New York, N. Y. ..... Aug. 6
Aug. 10 East Bridgewater, Mass. .Aug. 6
Aug. 11 Brooklyn, N. Y. ..... Aug. 6
Aug. 11 Wrentham, Mass. ..... Aug. 6
Aug. 12 Bartow, Fla. ..... July 30
Aug. 12 Cleveland, O. ..... Aug. 6
Aug. 14 Fairmont, Minn. ..... Aug. 6
Aug. 15 Staunton, W. Va. ..... July 30
Adv. July 30 and Aug. 6.
Aug. 18 Idabell, Okla. ..... Aug. 6
Aug. 20 Salisbury, Md. ..... July 30
Adv. July 30 and Aug. 6.
Aug. 20 Jayton, Tex. ..... Aug. 6
Aug. 24 Greenville, Tex. ..... Aug. 6
Aug. 25 St. Louis, Mo. ..... Aug. 6
Aug. 26 Raleigh, N. C. ..... Aug. 6
Adv. Aug. 6.
Sept. 4 Oakland, Calif. ..... July 9
Sept. 8 Toronto, Ont. ..... Aug. 6
Sept. 15 Needles, Calif. ..... July 23

SEWERS

Aug. 7 Boston, Mass. ..... Aug. 6
Aug. 7 Phila., Pa. ..... Aug. 6
Aug. 8 Lincoln, Neb. ..... Aug. 6
Aug. 10 Phila., Pa. ..... Aug. 6
Aug. 10 Boston, Mass. ..... Aug. 6
Aug. 11 Meadville, Pa. ..... July 23
Aug. 11 Waseca, Minn. ..... Aug. 6
Aug. 12 Baltimore, Md. ..... Aug. 6
Aug. 12 Boston, Mass. ..... Aug. 6
Aug. 12 Cleveland, O. ..... Aug. 6
Aug. 14 Boston, Mass. ..... Aug. 6
Aug. 14 Raybrook, N. Y. ..... Aug. 6
Adv. Aug. 6.
Aug. 14 Rhinelander, Wis. ..... Aug. 6
Aug. 17 Jackson, Mich. ..... Aug. 6
Adv. Aug. 6.
Aug. 18 Lynn, Mass. ..... July 9
Aug. 18 Cudahy, Wis. ..... July 30
Aug. 18 Rushville, Ind. ..... Aug. 6
Aug. 20 Kingsford (mail Iron Mountain), Mich. ..... Aug. 6
Adv. Aug. 6.
Aug. 20 Elkins Park, Pa. ..... Aug. 6
Adv. Aug. 6.
Aug. 27 Winchester, Tenn. ..... Aug. 6
Adv. Aug. 6.
Aug. 28 Louisville, Ky. ..... Aug. 6
Adv. Aug. 6.
Aug. 29 San Angelo, Tex. ..... July 30

WASTE DISPOSAL

Aug. 18 Clarksdale, Miss. ..... July 23

BRIDGES

Aug. 10 Walters, Okla. ..... Aug. 6
Aug. 10 Ann Arbor, Mich. ..... Aug. 6
Aug. 11 St. Louis, Mo. ..... July 23
Aug. 11 Louisiana ..... July 23
Aug. 11 Massachusetts ..... Aug. 6
Aug. 12 Colorado ..... Aug. 6
Aug. 12 Aberdeen, Wash. ..... July 30
Aug. 12 Michigan ..... July 30
Aug. 15 Miles City, Mont. ..... July 30
Aug. 17 New Jersey ..... July 30
Adv. July 30 and Aug. 6.
Aug. 17 California ..... July 30
Aug. 17 Oakland, Calif. ..... July 30
Aug. 18 Clearfield, Pa. ..... July 23
Aug. 18 Puyallup, Wash. ..... July 30
Aug. 18 West Virginia ..... Aug. 6
Aug. 18 West Virginia ..... Aug. 6
Adv. Aug. 6.
Aug. 18 Washington ..... Aug. 6
Aug. 19 Alabama ..... July 23
Aug. 25 Minnesota ..... Aug. 6
Aug. 29 San Angelo, Tex. ..... Aug. 6
Sept. 1 Tacoma, Wash. ..... Aug. 6
Adv. Aug. 6.
Sept. 1 South Carolina ..... Aug. 6
Adv. Aug. 6.

RAILWAYS

Aug. 27 Massachusetts ..... Aug. 6

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Aug. 10 Brooklyn, N. Y. ..... Aug. 6
Aug. 25 Geneseo, Ill. ..... Aug. 6
Adv. Aug. 6.
Sept. 12 Texas ..... July 23

Bids Close — See Eng. News-Record

STREETS AND ROADS

Aug. 7 Ebensburg, Pa. ..... July 23
Aug. 7 Boston, Tex. ..... July 23
Aug. 7 New York, N. Y. ..... July 30
Adv. July 23 to Aug. 6.
Aug. 7 New Hampshire ..... Aug. 6
Aug. 7 Plymouth, N. H. ..... Aug. 6
Aug. 8 Rosemont, N. J. ..... July 30
Aug. 8 Cleveland, O. ..... Aug. 6
Aug. 9 Chickasha, Okla. ..... July 9
Aug. 10 California ..... July 23
Aug. 10 Michigan ..... July 23
Aug. 10 Akron, O. ..... July 30
Aug. 10 San Diego, Calif. ..... July 30
Aug. 10 Idaho ..... July 30
Aug. 10 Michigan ..... July 30
Aug. 10 Crown Point, Ind. ..... Aug. 6
Aug. 10 Long Island City, N. Y. ... Aug. 6
Aug. 10 Minnesota ..... Aug. 6
Aug. 10 Oklahoma ..... Aug. 6
Aug. 10 De Ridder, La. ..... Aug. 6
Aug. 10 Birch Cliff, Ont. ..... Aug. 6
Aug. 10 Oklahoma ..... Aug. 6
Aug. 10 Denver, Colo. ..... Aug. 6
Aug. 10 Kewanee, Ill. ..... Aug. 6
Aug. 11 Chicago, Ill. ..... Aug. 6
Aug. 11 Massachusetts ..... Aug. 6
Aug. 11 Saranac Lake, N. Y. ..... July 30
Adv. July 30 and Aug. 6.
Aug. 11 Merced, Calif. ..... July 30
Aug. 11 Clayton, Mo. ..... July 9
Aug. 11 Brooklyn, N. Y. ..... July 16
Adv. July 16 to Aug. 6.
Aug. 11 St. Louis, Mo. ..... July 23
Aug. 11 Michigan ..... July 23
Aug. 11 Arcadia, Fla. ..... July 23
Aug. 11 Maryland ..... July 30
Adv. July 30 and Aug. 6.
Aug. 11 Springwells, Mich. ..... July 30
Aug. 11 Quebec ..... Aug. 6
Aug. 11 Pennsylvania ..... Aug. 6
Aug. 11 Oklahoma City, Okla. .... Aug. 6
Aug. 12 West Virginia ..... July 23
Adv. July 30.
Aug. 12 Michigan ..... July 23
Aug. 12 Rhode Island ..... July 30
Adv. July 30 and Aug. 6.
Aug. 12 Baltimore, Md. ..... Aug. 6
Aug. 12 Colorado ..... Aug. 6
Aug. 12 Cleveland, O. ..... Aug. 6
Aug. 12 Denver, Colo. ..... Aug. 6
Aug. 12 Wisconsin ..... Aug. 6
Aug. 12 St. George, N. Y. ..... Aug. 6
Aug. 12 Brooklyn, N. Y. ..... Aug. 6
Aug. 13 North Dakota ..... Aug. 6
Aug. 13 Denver, Colo. ..... Aug. 6
Aug. 13 Fresno, Calif. ..... July 30
Aug. 13 New Albany, Ind. ..... Aug. 6
Aug. 14 Michigan ..... Aug. 6
Aug. 14 Manitowoc, Wis. ..... Aug. 6
Aug. 14 North Dakota ..... Aug. 6
Aug. 14 Papillion, Neb. ..... Aug. 6
Aug. 15 Maywood, Ill. ..... Aug. 6
Aug. 17 Uniontown, Pa. ..... Aug. 6
Aug. 17 Ebensburg, Pa. ..... Aug. 6
Aug. 18 Seattle, Wash. ..... Aug. 6
Aug. 18 Maryland ..... Aug. 6
Aug. 18 Washington ..... July 30
Aug. 18 Owatonna, Minn. ..... July 30
Aug. 18 Gainesville, Fla. ..... July 30
Aug. 18 Tampa, Fla. ..... Aug. 6
Aug. 18 Washington ..... Aug. 6
Aug. 19 Alabama ..... July 23
Aug. 19 Delaware ..... Aug. 6
Adv. Aug. 6.
Aug. 19 Michigan ..... Aug. 6
Aug. 24 Kentucky ..... July 23
Aug. 24 West Virginia ..... Aug. 6
Aug. 25 Bartow, Fla. ..... Aug. 6
Aug. 25 Louisiana ..... Aug. 6
Aug. 25 Minnesota ..... Aug. 6
Aug. 26 Louisiana ..... Aug. 6
Aug. 28 Tennessee ..... Aug. 6
Adv. Aug. 6.
Sept. 22 New Orleans, La. ..... July 2
Sept. 24 New Orleans, La. ..... July 2

BUILDINGS—INDUSTRIAL

Aug. 10 Raybrook, N. Y. ..... Aug. 6
Adv. July 30 and Aug. 6.
Oct. 13 Durban, South Africa .... July 30
Adv. July 30.

BUILDINGS—COMMERCIAL

Aug. 8 Cleveland, O. ..... Aug. 6
Aug. 10 Phila., Pa. ..... Aug. 6
Aug. 17 Boston, Mass. ..... Aug. 6

Bids Close — See Eng. News-Record

Aug. 20 Toronto, Ont. ..... Aug. 6
Aug. 21 Madison, Wis. ..... Aug. 6
Aug. 26 Marcy, N. Y. ..... Aug. 6
Adv. Aug. 6.

BUILDINGS—EDUCATIONAL, RELIGIOUS

Aug. 7 Windsor, Conn. ..... Aug. 6
Aug. 7 Phila., Pa. ..... Aug. 6
Aug. 9 Phila., Pa. ..... Aug. 6
Aug. 10 Faribault, Minn. ..... July 30
Aug. 10 Onsted, Mich. ..... July 30
Aug. 10 Pittsburgh, Pa. ..... July 30
Aug. 10 Lehighton, Pa. ..... July 30
Aug. 10 Saginaw, Mich. ..... July 30
Aug. 10 Raybrook, N. Y. ..... July 23
Adv. July 23 and 30.
Aug. 10 Poplar Bluff, Mo. ..... Aug. 6
Aug. 11 New Orleans, La. ..... July 30
Aug. 11 Marshalltown, Ia. ..... Aug. 6
Aug. 12 Little Rock, Ark. ..... July 23
Aug. 12 New Philadelphia, O. ..... July 30
Aug. 14 Great Neck, N. Y. ..... July 30
Aug. 14 Toronto, Ont. ..... Aug. 6
Aug. 26 Lawndale, Pa. ..... Aug. 6
Aug. 29 Hot Springs, Ark. ..... Aug. 6
Aug. 31 Columbus, O. ..... Aug. 6

FEDERAL GOVERNMENT WORK

Aug. 7 Remodeling—Phila., Pa. ... July 23
Aug. 10 Addition — Indianapolis, Ind. ..... July 23
Aug. 10 Steel Sheet Piling—Louisville, Ky. ..... Aug. 6
Adv. Aug. 6.
Aug. 11 Post Office—Steubenville, O. ..... July 30
Aug. 12 Nurses Quarters—New Orleans, La. ..... July 23
Aug. 12 Boilers—Great Lakes, Ill. .. Aug. 6
Aug. 14 Lock Gates—Pittsburgh, Pa. ..... July 23
Adv. July 23 to Aug. 6.
Aug. 14 Post Office — Danbury, Conn. ..... July 23
Aug. 14 Oil Outfits—Detroit, Mich. July 30
Aug. 15 Repair Shop—Maywood, Ill. ..... July 30
Aug. 17 Barges—Norfolk, Va. .... July 23
Aug. 17 Post Office—St. Augustine, Fla. ..... July 23
Aug. 17 Hospital—Memphis, Tenn. .. July 30
Aug. 17 Streets and Roads — Colorado ..... Aug. 6
Aug. 18 Post Office—Pottsville, Pa. . July 23
Aug. 19 Post Office—Birmingham, Ala. ..... July 30
Aug. 19 Mains—Norfolk, Va. ..... July 30
Aug. 19 Artesian Well—Bethany Beach, Del. ..... July 30
Aug. 20 Power Plant—Yuma, Ariz. . July 16
Aug. 20 Pontoon Catamarans—Jacksonville, Fla. ..... Aug. 6
Adv. Aug. 6.
Aug. 21 Post Office—Warren, O. ... July 30
Aug. 25 Stable—Jefferson Barracks, Mo. ..... Aug. 6
Aug. 29 Freight Elevator—San Diego, Calif. ..... July 30
Aug. 29 Dam—Pittsburg, Pa. ..... Aug. 6
Adv. Aug. 6.
Sept. 2 Radio Tower—Mare Island, Calif. ..... July 30
Sept. 4 Dredging—Newark, N. J. .. Aug. 6
Adv. Aug. 6.

UNCLASSIFIED

Aug. 10 Earth Fills—Sandford, Fla. ..... July 30
Aug. 10 Electric Capstans, etc.—Napier, New Zealand ..... June 25
Aug. 11 Jetty—Avon, N. J. ..... July 30
Aug. 17 Jetty, etc.—Barnegat City, N. J. ..... July 30
Aug. 18 Subway—Phila., Pa. ..... July 16
Aug. 18 Subway—New York, N. Y. Aug. 6
Aug. 24 Pier—St. Petersburg, Fla. July 30
Aug. 27 Subway—Boston, Mass. ... Aug. 6
Adv. Aug. 6.
Sept. 8 Ventilation Fans—New York, N. Y. ..... Aug. 6
Adv. Aug. 6.
Sept. 21 Transformers—Melbourne, Australia ..... Aug. 6
Sept. 29 Towers—Wellington, New Zealand ..... Aug. 6
Oct. 1 Foundation—Madison, Wis. July 30

Bids Close	See Eng. News-Record

MATERIALS

Aug. 7 Ties and Timber—Flushing, N. Y. ..... July 30
Aug. 8 Cement—Cleveland, O. ..... Aug. 6
Aug. 10 Asphalt, etc.—Gulfport, Miss. ..... Aug. 6
Aug. 11 Asphalt, etc.—Bushnell, Fla. ..... July 23
Aug. 19 Wire — Melbourne, Australia ..... July 23
Aug. 26 Rails—Melbourne, Australia ..... July 16
Sept. 16 Power Hammers—Melbourne, Australia ..... Aug. 6
Oct. 13 Insulation Strings—Wellington, New Zealand ..... Aug. 6

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Massachusetts—City of Newton plans constructing 20 in. mains from Chestnut Hill Reservoir to Walnut St. Newtonville. $41,000 appropriated.

Mass., Boston—Plans extending existing culvert and fill solid in Dorchester Bay. $25,000. T. F. Sullivan, chn. Transit Dept. 1 Beacon St.

Conn., Wallingford—Boro making plans filtration plant. $60,000 appropriated. W. A. MacKenzie, city engr.

N. Y., Saugerties—Plans 5 mi. 16 in. pipe line. J. F. Loughran, Kingston, engr.

N. C., Weldon—Bd. Town Comrs. authorized $20,000 bonds for waterworks improvements.

Ga., Macon — Bd. Water Comrs. soon takes bids 500 hp. boiler for waterworks plant.

La., Baton Rouge—See "Sewers."

Tenn., North Chattanooga—See "Sewers."

Tenn., Portland — Election soon $45,000 bonds for waterworks plant. Engineer not selected.

O., Columbus—See "Streets and Roads".

O., University Heights (Cleveland Heights P. O.) See "Sewers."

O., Youngstown — Plans development of water supply district, to supply city and Niles pure water supply for domestic use, with reservoir at Meander Creek. $2,000,000.

Ill., Evergreen Park—Making plans 6- to 12-in. mains $180,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Harvey—Making plans 3 m.g. concrete storage reservoir. $50,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., La Grange—Plans 6- to 12-in. c.i. mains. $200,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Phoenix—Making plans 6- to 12-in. c.i. mains. $180,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., San Jose—Election Aug. 20, $27,000 bonds, waterworks improvements. Kinsey Eng. Co., Arcade Bldg., Pekin, engrs.

Ia., Earlham—Making preliminary plans purification plant, septic tank, sludge beds, etc. $40,000.

Kan., Concordia—Soon takes bids new deep well, pumping plant, etc. $100,000. C. A. Haskins, 824 Finance Bldg., Kansas City, Mo., engr. Noted Apr. 2.

Kan., Kansas City—Making preliminary plans extending water purification plant, etc. $300,000. C. A. Haskins, 824 Finance Bldg., Kansas City, Mo., engr.

Kan., Lyons — Soon takes bids $250,000 gal. steel tank on tower. $20,000. S. Ainsworth, Lyons, engr.

Kan., Sylvan Grove—Making preliminary plans new deep wells, pumping equipment, etc. $12,500-$15,000. C. A. Haskins, 824 Finance Bldg., Kansas City, Mo., engrs.

Kan., Wathena — Election soon $45,000 bonds waterworks and distribution system. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs.

Mo., Buffalo—Defeated $40,000 bonds waterworks and distribution system. Russell & Axon, McDaniel Bldg., Springfield, engrs. Noted July 9.

Tex., Floresville — Election Aug. 18 to vote $40,000 bonds for waterworks improvements, incl. mains, pumping equipment, etc. address the Mayor.

Tex., Ft. Worth—Election in early fall $3,000,000 bonds for waterworks and sewer extensions. D. L. Lewis, city engr.

Tex., Mabank—Election Aug. 15 to vote $60,000 bonds for waterworks. Engineer not selected.

Okla., Barnsdall — Making surveys new waterworks, incl. reservoir, pump equipment, tank, mains, filtration plant, etc. $75,000. Holway Eng. Co., Wright Bldg., Tulsa., engrs.

Okla., Bethany — Plans new waterworks, incl. well, elevated tank, motor driven pumps, mains, valves, hydrants, etc. $40,000. H. E. Mussen, Grain Exch. Bldg., Oklahoma City, engr.

Okla., Duncan—Voted $110,000 bonds 9 new deep wells, deep well pumps, 200 hp. engine generator unit, for waterworks. Z. Z. Rogers, Duncan, engr.

Okla., Fargo—Making preliminary plans new waterworks, incl. well, tank, mains, pump, etc. $15,000. J. J. Smith, city clk. Engineer not selected.

Okla., Hedrick—Election Aug. 18, $15,000 bonds, new waterworks, incl. well, tank and mains in various streets. W. L. Benham, Gumbel Bldg., Kansas City, Mo., engr.

Okla., Walters — Voted $25,000 bonds masonry dam, across Cache Creek, at Sultan Park, northeast of here, for city waterworks. A. T. Thompson, city engr. Noted July 16.

Ariz., Mesa — Voted $80,000 bonds improving waterworks.

Wash., Anacortes—State Supervisor of Hydraulics issued permit to city authorizing appropriation four second feet of water from Lake Campbell, and construction of 57,500,000 gal. reservoir for municipal water supply. $31,000.

Ore., Oswego—Voted $100,000 bonds improving waterworks. H. L. Gilbert, 313 Couch Bldg., Portland, engr.

Calif., Burbank—Making plans 5 m.g. reservoir, 160 ft. long, 20 ft. deep, in Ben Mar Hill tract. A. J. Rose, city engr.

Calif., Shafter—Shafter Public Utility Dist. plans 50,000 gal. tank on 75 ft. tower, 6,000 lin.ft. mains, etc., in various streets.

Calif., South Pasadena (br. Pasadena)—Plans election $300,000 or more bonds, water works improvements.

Calif., Vallejo—City plans to appropriate $88,500, mains in various streets. T. D. Kilkenny, city engr.

Ont., Barton—Township Council making plans waterworks system. $60,000. A. G. Bryant, Court House, Hamilton, engr.

Ont., Hagersville—Plans additional mains and hydrants for fire protection. $40,000. E. Hinchcliffe, city engr.

Ont., Mimico — Plans 250,000 gal. steel elevated water tank and 1,000 meters. $40,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Stoney Creek—Council plans mains and fire protection systems. E. Lee, clk.

Alta., Calgary—G. A. Gaherty, mgr. Calgary Power Co., Montreal, Que., soon takes bids reservoir, here. $2,000,000.

BIDS DESIRED

Mass., East Bridgewater—Aug. 10, by Bd. Water Comrs., Town Hall, laying about 6,551 ft. 12 in. c.i. pipe, incl. excav., refilling, etc. H. L. Moorhouse, chn.

Mass., Wrentham — Aug. 11, by Water Comrs., 3 mi. 4- to 6-in. mains in various streets.

N. Y., Brooklyn—Aug. 11, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Geritsen and New York Aves, etc., here.

N. Y., New York—Aug. 7, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Muncipal Bldg., mains in Adee, Astor, Barnes Ave., etc. Bronx Boro.

N. Y., New York—Aug 7 by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg mains in Baisley, Balcom, Commerce Aves., etc. Manhattan Boro.

N. C., Raleigh—Aug.g 26, by E. E. Culbreth, mayor and city comrs., City Hall, 2 motor driven centrifugal pumping units and starting compensators, etc. W. C. Olsen, engr.; adv. E. N.-R. Aug. 6.

O., Cleveland—Aug. 12, by Comrs. Cuyahoga Co., 21,000 ft., 6 and 8 in. c.i. mains in Impvt. 61. $50,000. F. Williams, Court Court House, engr.

Minn., Fairmont — Aug. 14, by H. J. Waite, secy., Water and Light Comn., constructing filtration plant, 6,372 ft. 6- to 16-in c.i. pipe, and 8 tons fittings, etc. $50,000. C. Foster, 512 Sellwood Bldg., Duluth, engr.

Mo., St. Louis — Aug. 25, by Bd. Pub. Wks., 208 City Hall, St. Louis, 4 forced draft chain grate stokers and 4 water tube boilers for High Service Station 2, at Bissells Point. $30,000 and $60,000 respectively. E. E. Wall, dir.

Tex., Greenville—Aug. 24, by J. O. Wellman, city secy., 900 m.g. reservoir, 16 in. c.i. pressure line, one 20 m.g.p.m. pump, filtration plant, distribution system, etc. H. Rush, Box 561, Greenville, engr. Noted July 30.

Tex., Jayton—Aug. 20, by Montgomery & Ward, engrs., 1016 City Natl. Bank Bldg., waterworks system, incl. mains, etc., in various streets, for City. $60,000. Noted July 23.

Okla., Idabel—Aug. 18, by W. O. Campbell, city clk., new 500,000 g.p.d. rapid sand filter plant, pumping equipment, 100 hp. oil engine, transmission line, etc. $50,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Apr. 2.

Okla., Walters—Aug. 10, by T. M. Anderson, city mgr., dam across Cache River at Sultan Park to impound water for city waterworks. $16,000. A. F. Thompson, Walters, engr.

Ont., Toronto—Sept. 8, by E. H. Foster, mayor, City Hall, 350 tons c.i. pipe, 204 lengths 24 in. c.i. pipe, castings, etc. $30,000. R. C. Harris, city engr.

BIDS RECEIVED

Mass., Revere—Reconstructing Shirley Ave. and granolithic sidewalks on various streets, from G. Ferullo, 31 North Sq., Boston, $2.65 per sq.yd. Engrs. est. $25,000. Noted July 2.

N. Y., Baldwin — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, July 28, two 20 m.g. turbine driven centrifugal pumps at Milburn pumping station, here, from Turbine Equipment Co., 30 Church St., (1) $98,280 (2) $92,150. Noted July 23.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., July 31, mains in Hegeman, Narrows, Ralph and 8th Aves., etc., from Grippo Contg. Co., 85 Webster Ave., $12,400. Noted July 23.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 5th Ave., etc., here, from Gregory Contg. Co. Inc., $7,364, Arcadia Ave., etc., here, from Riverdale Water Works Corp., 355 East 113th St., New York City, $7,000. Noted July 23.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., July 29, mains in Pelham Parkway N., from Knight & DeMicco, Inc., 448 East Tremont Ave., $27,555.

Fla., Tampa—Constructing 500,000 gal. water tank in Benjamin Field, from Chicago Bridge & Iron Wks., Forsyth Bldg., Atlanta, Ga., $20,800.

O., Cleveland — Comrs. Cuyahoga Co., July 15, 7,600 ft. 6- to 12-in. mains in Maslick Rd. (Impvt. 651), from Langahan Constr. Co., Marshall Bldg., $27,009.

Wis., Milwaukee—Dept. Pub. Wks., July 27, 6, 8, and 12 in. c.i. mains in various streets, Notice 96, from H. Crozier, 1767 West 19th St., $17,036; Notice 97, from Kehrein Bros., 1304 11th St., $14,393. Noted July 23.

CONTRACTS AWARDED

Me., Dixfield — About 3 mi. mains in various streets, to G. Ferullo, 31 North Sq., Boston, about $17,000.

N. H., New London—Bd. Watr Comrs., dam and 6 lines watermains, to G. Ferullo, 31 North Sq., Boston, about $35,000. Noted June 25.

Mass., Bodton—Dept. Pub. Wks. (High Pressure Service), high pressure fire pipes in Atlantic and Dorchester Aves., Richmond, Fulton, Congress and Lewis Sts., to C. and R. Constr. Co., 67 Harrison St. E., Rosindale, $67,804. Noted July 30.

Rhode Island—Bd. Water Comrs., City Hall, Woonsocket raising dam at Reservoir 3, Woonsocket Water Works, in Smithfield and North Smithfield, and raising highway near the Stephen Wright Pl., to M. A. Gammino Constr. Co., 728 Valley St., Providence, $72,000.

N. Y., Brooklyn—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Ave. I, Parksville St. and St. Marks Ave., etc., to Knight & DeMicco, Inc., 448 East Tremont Ave., New York City, $59,746. Noted July 30.

Pa., Phila.—Dept. Pub. Wks., Bureau Water Contr. 766, 50,000 lb. pig lead, to N. Trotter & Co., 36 North Front St., $4,285; Contr. 767, pitometer survey of

Waterworks (Continued)

trunk mains of water distribution system, to Pitometer Co., 50 Church St., New York City, N. Y., $17,000; Contr. 768, 600 wash water troughs, to J. B. McHugh, 892 North Markoe St., $9,548; Contr. 769, 150 tons c.i. pipe and 100 tons c.i. specials, to R. D. Wood & Co., 400 West St., $20,846. Grand total $51,679. Noted July 30.

La., Shrewsbury—Jefferson Drainage Bd. constructing 4 pumping stations, 850,000 gal. capacity a minute at 7 ft. lift, to A. M. Lockett & Co., 521 Baronne St., New Orleans, $535,636.

Tenn., Memphis — Memphis Furniture Mfg. Co., South Camila St., 75,000 gal. cylindrical round bottom steel tank on 100 ft. tower, 8 in. mains to sprinkler system, high pressure pumps, etc., to Globe Automatic Sprinkler Co., U & P Bank Bldg.

O., Dayton—G. F. Baker, dir. Pub. Serv., 210 x 300 ft. rein. con., low service reservoir containing 9,000 cu.yd. concrete for Water Dept., to M. E. White Co., 1600 Courtland St., Chicago, Ill., $161,304. Noted July 16.

Ill., Downers Grove—C. M. Hitch, city clk., 1 m.g. circular, rein.-con. reservoir, to Green-Mullenbruck Constr. Co., 105 West Monroe St., Chicago, $26,770. Noted July 2.

Ill., Hartford—Complete waterworks and distribution system, to H. A. Grabbe Contg. Co., Alton, $66,068.

Minn., Duluth—P. G. Phillips, city comr., supervs. Duluth Water & Light Dept., laying 260 x 320 ft. concrete slab on and remodeling waterworks reservoir, 74th Ave. W., incl. 1,700 cu.yd. concrete in slab, 500 cu.yd. concrete in columns, 980 ft. 8- to 20-in. sewer pipe, etc., to C. R. McLean, 515 South 21st Ave. E., $84,405.

Wash., Seattle—Bd. Pub. Wks., 3,583 ft. 4- to 30-in. mains in 42nd Ave., to J. L. Smith, Pioneer Bldg., $55,969 engrs. est. $68,032; and 7,286 ft. 6- to 20-in c.i. mains and gate valves, etc., in East 55th St. et al., to Interstate Constr. Co., Thompson Bldg., $55,733 engrs. est. $56,704. Noted July 30.

Ont., Humberstone—For 9 mi. c.i. mains in various streets, to McNamara Constr. Co., Saulte Ste. Marie, $58,300. Engs. est. $60,000.

Sewers

PROPOSED WORK

Miss., Meridian—Voted $25,000 for sanitary sewers and $20,000 bonds for opening and extending 4th St. from 25th to 26th Aves. W. H. White, city clk. and treas.

Mass., Newton — Plans sewerage works in Taft Ave. $35,100 appropriated.

Fla., Clearwater—Voted $367,000 bonds, extensions and improvements, storm sewers in various streets. Noted May 21.

La., Baton Rouge—Making surveys improving sewerage and drainage systems, constructing filtration plant, etc. $200,000. J. B. McCrary Co., Citizens & Southern Bk. Bldg., Atlanta, Ga., engrs.

Tenn., North Chattanooga—Voted $100,000 bonds for sewers, water mains, fire protection, etc.

O., University Heights (Cleveland Heights P. O.) Plans sewers, water mains and grading sidewalks, etc., in various streets. $75,000. F. A. Pease Engr. Co., Marshall Bldg., Cleveland, engr.

Michigan—Oakland Co. (Pontiac) making plans about 18 mi. Royal Oak Drain, through Royal Oak, Southfield, Bloomfield and Troy Twps. $3,000,000. A. W. Spencer, Royal Oak, co. drain comr.

Ill., Addison — Making plans sanitary sewerage system and sewage disposal plant. $50,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., La Grange—Making plans 12- to 72-in. storm and sanitary sewers. $500,000. E. Hancock, 2047 Ogden Ave., Chicago, engr. Noted June 4.

Ill., Morton Grove—Making plans sanitary and storm sewers, 12- to 60-in. concrete and vitr. tile pipe, etc. $330,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Western Springs — Making plans sanitary sewerage system, incl. 8- to 24-in. vitr. tile pipe, etc. $170,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ia., Council Bluffs—Making preliminary plans 12,545 ft. 15- to 42-in. double ring segmental block, rein.-con. and vitr. clay sewers. J. H. Mayne, city engr.

Ia., Ft. Dodge—See "Bridges."

Missouri—C. R. Comfort, 219 North Gore Ave., Webster Groves, chn. Property Owners Comm., plans complete sanitary sewerage system for the River Des Peres Section, embracing Webster Groves, Glendale Heights and Shrewsburg, all in St. Louis Co. $3,000,000.

Tex., Canyon—Plans sewer extensions in east section. $35,000. W. D. Howern, Amarillo, engr.

Tex., Ft. Worth—See "Waterworks."

Okla., Barnsdall—Making surveys 4 mi. outfall sewers and sewage disposal plant. $45,000. Holway Eng. Co., Wright Bldg., Tulsa, engrs.

Okla., Bethany—Plans disposal plant, 5 mi. outfall sewers, etc., in all streets. $30,000. H. E. Mussen, Grain Exch. Bldg., Oklahoma City, engr.

Colo., Denver — Plans Valverde Special Sanitary Sewer, 8- to 10-in. vitr. pipe. $56,000. A. K. Vickery, City Hall, engr.

Calif., Belmont—Belmont Sanitary Dist. making plans 64,000 lin.ft. sewer, etc., in various streets. G. A. Kneese, Courthouse, Redwood City, engr.

Calif., Long Beach—Made plans storm drain in Storm Drain Dist. 8, 1,313 lin.ft. 5 ft. 9 in., 4,650 lin.ft. 6 ft. 6 in. and 1,600 lin.ft. 7 ft. 9 in. tunnel section, etc. To exceed $500,000. J. Paterson, 504 City Hall, sanitary engr.

Calif., Palo Alto—Made plans 3,660 lin. ft. cement sewers, etc., in Waverly St., University Ave., etc.; also curbing, guttering and Warrenite bitulithic on 6 in. concrete paving University Ave. from Alma to Middlefield Rd. J. F. Bxybee, Jr., city engr.

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, making plans 3,204 ft. 12- to 24-in. vitr. tile sewers in Westlake Ave. $47,094. G. R. Jack, twp. engr.

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, plans 10,000 ft. 12 in. vitr. tile sewers in Broadview Ave. $40,895. G. R. Jack, twp. engr.

BIDS DESIRED

Mass., Boston — Aug. 7, by Dept. Pub. Wks., sewerage works in Centre St., West Roxbury; Aug. 10, in Atherton Ave., Hyde Park; Aug. 12, in Semont St., Dorchester; Aug. 14, in Faneuil St., Brighton. $25,000. J. A. Rourke, comr.

N. Y., Raybrook—Aug. 14, by F. R. Utter, supt. Purchase, Albany, sewage disposal plant for New York State Hospital for Incipient Tuberculosis, here; adv. E. N.-R. Aug. 6.

Pa., Elkins Park—Aug. 20 by Bd. Comrs., H. C. Pike, secy., constructing main outfall sewer from house drainage along Tacony Creek through Cheltenham twp., etc. Albright & Mebus, 1502 Locust St., Phila. civil engrs.; adv. E. N.-R. Aug. 6.

Pa., Phila.—Aug. 10, by Dept. Pub. Wks., Bureau Highways, (Schedule A) stormwater sewers incidental and necessary to the grading of Packer St., from Broad to 10th Sts., 10th St., from Johnston to drainage ditch south of Geary St., 20th St. from Packer to Pattison Aves., Pattison Ave., frem 20th to Broad Sts., Pattison Ave. from Broad to 10th Sts., 10th St. from Pattison Ave. to drainage ditch north of Hartranft St., Pattison Ave. from 10th to 7th Sts., and 7th St. from Pattison Ave. to Johnston St. G. H. Biles, dir. of Pub. Wks. Noted July 23.

Pa., Phila.—Aug. 7, by Dept. Pub. Wks., Bureau Engineering, stormwater ditches and incidental drainage in connection with South Phila. Impvt., south of Packer Ave. and west Broad St. G. A. Biles, dir. Noted July 23.

Md., Baltimore—Aug. 12, by Bd. Awards, constructing storm drains and sanitary sewers in sewer districts H-5, J-5, 38-A and 39, all in Storm Water Contr. 84. M. J. Ruark, City Hall, sewerage engr.

Tenn., Winchester—Aug. 27, by mayor and aldermen, for constructing sanitary sewers here. C. H. Jenks, Union City, engr.; adv. E. N.-R. Aug. 6.

Ky., Louisville — Aug. 28, by Comrs. Sewage, Bd. of Trade Bldg., 3rd and Main St., for sewers in 38th St., Duncan St. Sewer Dist., and 40th St. Contr. 20. J. B. F. Breed, ch. engr.

O., Cleveland—Aug. 12, by Comrs. Cuyahoga Co., 7,000 lin.ft. 8 to 18 in. vitr. clay sewer in Ridgelawn Subdivision. To exceed $25,000. F. Lander, Court House, engr.

Ind., Rushville—Aug. 18, by City, 5,800 ft. sanitary sewers in various streets.

Mich., Jackson—Aug. 17, by City Clerk, relief sewers in Biddle St. J. E. Whittaker, city mgr.; adv. E. N.-R. Aug. 6.

Mich., Kingsford (mail Iron Mountain)—Aug. 20, by C. W. Seller, village clk., 11,461 lin.ft. 10- to 48-in. sewer, etc. Hoad, Decker, Shoecraft & Drury, Ann Arbor, consult. engrs.

Wis., Rhinelander—Aug. 14, by A. Moe, city clk., 1,370 ft. 12- and 15-in. storm and 9,600 ft. 8- and 10-in. sanitary sewers, etc. in various streets. J. Donohue Engr. Co., North 8th St., Sheboygan, engrs.

Minn., Waseca—Aug. 11, by J. Madigan, City clk., one sewage lift station and 36,950 lin.ft. sanitary sewers, etc. in various streets. $30,000. T. Mackey, city engr.

Neb., Lincoln—Aug. 8, by Trustees Sanitary Dist. 1 of Lancaster Co. Outlet Sewer 9, 9,431 ft. 8 in. vitr. clay pipe sewers, 24 ft. 8 in. c.i. pipe, 21 standard manholes, etc. Peterson & Devoe, Bankers Life Bldg., engrs. Scott & Scott, 427 Bankers Life Bldg., consult. engrs.

BIDS RECEIVED

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, July 29, **(e. e. means engrs. est.)** reconstructing sewer in Fort Hamilton Parkway, from Montrose Contg. Co., (1) $1,277,831, from V. Peconi, 570 18th St. (2) $1,213,985; sewer in 73rd St., from A. W. Matarazzo, 1163 61st St., 72½% e. e. $5,479; sewer in 79th St. and Lott Ave., from Tozzi Contg. Co., 136 63rd St., 74.69% e. e. $5,260, and 74.39% e. e. $3,009 respectively; sewer in 47th and 59th Sts., from S. J. Coenzo, 678 Glenmore Ave., 67.99% e. e. $3,013 and 72.99% e. e. $3,531 respectively; sewer in East 34th St., from Manmill Constr. Co., 2035 Douglass St., 73.3% e. e. $3,170; and sewer in Rutland Rd., from Fenlon Constr. Co., 78.46% e. e. $1,228. Noted July 23.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Aug. 3, from A. Paino, 2016 East 14th St., Brooklyn, sewer in Farmers Blvd. B $764,143. from Awixa Corp., Mt. Vernon, A $832,172, from D. Bonnacci, 672 De Gau St., Brooklyn, sewer in 137th St. A $696,287, B $663,449, from Duit, Inc., 207 Argyle Rd., Brooklyn, sewer in Merrick Blvd. A $1,189,067, B $1,104,177, from Muccinni & Decker, 6102 18th Ave., Brooklyn, sewer in Baisley Blvd. A $515,050, B $504,188, from J. H. Johnson, sewer in Tiemann Ave., A $70,936, B $64,786, from D. A. Gross, 8515 Fulton St., Woodhaven, 84th St. $8,974. Noted July 30.

N. Y., New York — See "Streets and Roads."

O., Akron—Comrs. Summit Co., 6,849 ft. 33- to 36-in. **(a)** brick or **(b)** segmental block sewers in Little Cuyahoga Intercepter, from T. E. McShaffrey Constr. Co., 173 South Forge St., **(a)** $113,295 **(b)** $101,066; from Lombardi & Rowlus, 163 Annadale Ave., **(a)** $111,156 **(b)** $107,049. Engrs. est. $125,000. Noted July 16.

O., Cleveland—For 325 ft. 4½ ft., 795 ft. 4½ ft., and 910 ft. 4 ft. brick sewer, 1,570 ft. 5C, 70 ft. 3 ft. and 400 ft. 15- to 30-in. D. S. tile mains in Miles Ave., from Amata Constr. Co., 5910 Kinsman Rd., $62,017; mains in Fulton Rd. and 1,385 ft. 15 and 18 ft. tile mains in Sobieski Ave., from W. B. Smith, 1050 West 89th St., $3,113 and $4,583 respectively; 1,385 ft. 12 and 20 in. tile mains in East 162nd St., from Kassouff & Co., 3182 West 25th St., $4,325.

CONTRACTS AWARDED

N. Y., Lackawanna—Constructing sewage disposal plant, to Moore-Thomas, Inc., 82 Richfield Ave., Buffalo, $308,964. Noted July 23.

Pa., Phila.—Dept. Pub. Wks., Bureau Engineering July 28, storm water sewers Wingahocking sewer in Howard St., Hunting Park and McAlester Aves., to Adolph Jafalla and L. Mark, 139 South 50th St. $521,414, main sewer in Colgate St. to P. Ventresco, 6325 Chew St. $63,931. Noted July 23.

Md., Baltimore—Bd. Awards, 23,160 ft., 8 and 18 in. sanitary sewers in Dist. P-8. Contr. 220, to A. J. Boyle, Amer. Bldg., $91,061. Noted July 23.

Md., Salisbury—Water & Sewer Comn., constructing north and south trunk lines, to Martin Constr. Co., Albert Lea, Minn., $89,730.

Fla., Tampa—Sewers in Sect. 20 and 22, to C. M. Owen, Tampa, $50,250. in Sect. 19, to E. P. Ferry, Tampa, $54,324.

O., Akron—Summit Co., 6,840 ft. 33- to 36-in. brick or segmental block sewer, in Little Cuyahoga Intercepter, to T. E. McShaffrey Constr. 173 South Forge St., $101,066. Engrs. est. $125,000. Noted July 16.

O., Cleveland—City, 1,370 ft., 12 in. tile sewer in Bangor Ave., and 1,385 ft. 12 to 20 in. vitr. tile sewer in East 162nd St. to Kassouff & Co., 3182 West 25th St., $2,824 and $4,235 respectively, 1,980 ft. 6 and 7 in. concrete pipe sewer in Lake Rd. extension, to Angela Marra Co., Ulmer Bldg., $32,678.

Sewers (Continued)

O., Cleveland—City sewers in Miles Ave., to Amata Constr. Co., 5910 Kinsman Rd., $62,017. Noted July 19.

O., Columbus—See "Streets and Roads."

O., East Liverpool—Sanitary sewers in Ryder Alley and Springdale Ave., to O. Milliron Co., 2nd St., $26,728. Engrs. est. $30,000. Noted July 23.

O., Medina—Bd. Comrs. Medina Co., sewage plant at Chippewa Lake Dist., to Burnip Constr. Co., 223 West Broad St., Columbus, $29,168.

Wis., Milwaukee—Dept. Pub. Wks., to Szukalski & Matke, 1089 American Ave., concrete stor mand sanitary sewers in Euclid Ave. from 9th to 10th Aves. $986, 28th St. from Lincoln Ave. to Grant St. $2,903, 9th Ave. from Ohio to Oklahoma Aves. $6,872, 29th Ave. from Lincoln to Grant St. $2,885; to W. T. Werner, 675 Hi Mount Blvd., Sherman Blvd. from Burleigh St. to Roosevelt Dr. $9,365, 55th St. from Meinecke Ave. to point north $749, and 59th St. from North Ave. to Wright St. $2,195, to J. Brogan & Sons, 700 Dousman St., Green Bay, 18th St. from Lake St. to Fiebrantz Ave. $1,808, Cleveland Ave. from 22d Ave. to point east $1,102, to Holton & Goggins, 345 27th Ave., Jefferson St. from 3d to 4th Aves. $753, 17th St. from Lake St. to Fiebrantz Ave. $1,927; to Wenzel & Henoch, 498 27th St., Burleigh St. from Sherman Blvd. to point west $16,626, 47th St. from Chambers to Burleigh Sts. $1,500, 48th St. from Chambers to Burleigh Sts. $1,500, and 49th St. from Chambers to Burleigh Sts. $1,564. Grand total $73,925.

Ia., Villisca—City, 17,168 ft. 8- to 12-in. vitr. clay sewers, to F. B. Corey, Shenandoah, $14,795. City will install 3,000 ft. 4 in. c.i. mains, by own forces. Noted July 30.

N. D., Dickinson—Bd. City Comrs., storm sewer system in various streets to Haggart Constr. Co., 214 Roberts St., Fargo, $74,000. Noted July 2.

Kan., Winfield—City, 5,303 ft. 15- to 51-in. storm sewer in South Main St., to M. R. Amerman, 246 North Market St., Wichita, $32,627.

Mo., Kansas City—Bd. Pub. Wks., general contract approximately 9,000 ft. combined storm and sanitary sewer, known as "Goose Neck Sewer," to Torson Constr. Co., Quindora Bldg., $1,266,508. Noted July 23.

Mo., St. Louis—See "Streets and Roads."

Ark., Russellville—R. Bailey, atty., sanitary sewers in Sewer Dist. 2, to Rowan & Ricard, Pine Bluff. Engrs. est. to exceed $25,000. Noted July 23.

Wash., Seattle—Bd. Pub. Wks., sewers in Wright Ave. et al., to McHugh & Coluccio, 517 3rd Ave. N., $106,342. Engrs. est. $112,377.

Wash., Seattle—Bd. Pub. Wks., 9,450 ft. 8- to 18-in. sewers, etc., in Orcas St. et al., to F. N. Agostino & Co., 1318 21st St. S., $36,384. Engrs. est. $36,537. Noted July 30.

Wash., Seattle—Bd. Pub. Wks., trunk sewer in Michigan St. et al, to Felix Arcorace, Thompson Bldg., alternate B, $290,672. Noted July 30.

Calif., Hermosa Beach—Cement sewers in various streets, to B. C. Nichols, 1216 Manhattan Ave., Manhattan Beach, $187,950.

Que., Cap-de-la-Madeleine—Will lay 3,000 ft. 12- to 18-in. clay pipe, in Beauchmin, DuSauctuaire, Notre Dame, Mineplaiser Sts., by day labor. $2,600. R. Morrissette, engr.

Ont., Ansonville—P. Dube, clk. **Calvert** Twp., sewers, pumphouse, and mains, here and Victoria, to McNamara Constr. Co., Saulte Ste. Marie, $89,500; pumps, to Babcock Wilcox-Goldie McCullough, Galt, $3,200; c.i. pipe, to Natl. Iron Corp., foot Cherry St., Toronto, $42,000.

Ont., Hamilton—S. H. Kent, city clk., City Hall, 1,000 lin.ft. brick egg shape sewer in tunnel in Stuart St., to J. Maguire, 196 Spadina Rd., Toronto, $28,345. Engrs. est. $30,000.

Bridges

PROPOSED WORK

Va., Tappahannock—State and Richmond, Fredericksburg & Potomac R.R. Co., Broad Street Station, Richmond, E. M. Hastings, ch. engr., plans bridge over Rappahannock River, here, $400,000, also addition to passenger station and elimination of grade crossings $600,000. H. G. Shirley, ch. State Highway Comn.

North Carolina—State Hy. Comn., Raleigh, plans rein.-con. and steel bridge and approaches on Project 203, over Bogue Sound between Morehead City and Beaufort. $570,000.

North Carolina—State Hy. Comn., Raleigh, plans rein.-con. bridge over Piney Marsh, on Project 193, Tyrell Co., $177,000; also rein.-con. bridges and culverts, on Project 720-B. Caldwell-Catawba Counties, $150,000. C. M. Upham, highway engr.

Fla., West Palm Beach—Palm Beach Co. election Aug. 18, $30,000 bonds bridge over Earman River, $80,000 bonds double leaf bascule draw bridge over Hilsboro Canal, and $120,000 bonds rein.-con. double leaf bascule draw bridge over Laxahatchee River, at Juniper, all foregoing on Dixie Highway. F. E. Fenno, co. clk.

Tennessee—State Dept. Hys. & Pub. Wks. Nashville, soon takes bids 630 ft. rein.-con. arch bridge over French Broad River, Cooke Co. $75,000. J. G. Creveling, highway comr.

O., Cleveland — Cuyahoga Co., election Nov. 3, $3,000,000 bonds rein.-con. bridge known as Willow Bridge; also $15,000,000 bonds, Lorain-Carnegie High Level Bridge, rein.-con. and steel over Cuyahoga River. F. Lander, Court House, co. engr. Noted Oct. 18, 1923, and Mar. 13.

Ill., Chicago—South Park Comrs., 910 South Michigan Ave., making plans 300 ft. bridge 80 ft., to connect Lake Shore Dr. and New South Driveway. $8,000,000. Strauss Bascule Bridge Co., 307 North Michigan Ave., engrs.

Wis., Milwaukee—City, R. E. Stoelting, comr. Pub. Wks., plans steel bascule bridge on Cedar and Biddle Sts. $700,000. M. C. Cutler, City Hall, engr.

Ia., Ft. Dodge—City and Minneapolis & St. Louis R.R. Co., Transportation Bldg., Minneapolis, R. G. Kently, ch. engr., making preliminary plans 240 ft. rein.-con. viaduct with 24 ft. roadway over tracks, here. also 2 mi. sewers. $25,000.

Minn., Minneapolis—Hennepin Co. soon takes bids 170 ft. concrete and steel bridge over Minnesota Western R.R. tracks, on Project 25-57-C, 986.8 cu.yd. concrete, 60,488 lbs. reinforcing and 150,150 lbs. structural steel. $26,000. J. W. Shaffer, co. surv.

Kan., Mound City—Linn Co. making plans Big Sugar Creek Bridge, 160 ft. truss span, 20 ft. wide; Cadmus Bridge, two 40 ft. spans 20 ft. wide; 20 ft. slab span bridge at Sta. 1086-50, 22 ft. Little Sugar Creek Bridge, 100 ft. trus span, 20 ft. wide with alternate on 100 ft. Marsh arch span. C. E. Kinney, Mound City, engr.

Ark., North Little Rock—City and Missouri R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., making preliminary plans rein.-con. viaduct 4 blocks long and 40 ft. wide over railroad crossing at Main St. $180,000.

Tex., New Braunfels—Comal Co. plans bridge over Comal River on State Highway 56. $50,000. State appropriated $25,000 toward cost. C. Roeper, judge.

Tex., Weatherford — See "Streets and Roads."

Washington—State Hy. Dept., Olympia, soon takes bids 220 ft. steel truss span bridge with concrete approaches over Washougal River on State Rd. 8, Clarke Co. J. W. Hoover, highway engr.

Wash., Sumner—State Hy. Dept., Olympia, soon takes bids probably two 150 ft. steel truss span bridge over Puyallup River on State Rd. No. 5, Pierce Co., near here. J. W. Hoover, Olympia, highway engr.

Calif., Los Angeles—Made plans 1,580 ft. steel bridge, 40 ft. spans, 60 ft. roadway over Anaheim St., 1,600,000 lb. reinforcing, etc. $500,000 or more. M. Bulter, city bridge engr.

Calif., Seal Beach—Plans bridge across Los Alamitos Bay from Seal Beach to Ocean Blvd., and constructing highway from Long Beach to Balboa.

Que., Quebec—Plans 125 ft. bridge, here. $25,000. F. C. Laberge, 30 St. James St., Montreal, engr.

BIDS DESIRED

Massachusetts—Aug. 11, by Dept. Pub. Wks., Boston, concrete bridge on highway in Sudbury & Wayland. W. F. Williams, comr.

Massachusetts—See "Railways."

West Virginia — Aug. 18, by State Hy. Dept., Charleston, Madison Bridge, Project 3151-C, Boone Co.; East Rainelle Bridge, Project 77, Greenbrier Co.; Little Sandy Bridge, Project 3206, Coopers Creek Bridge, Project 48-B, and Big Sandy Bridge, Project 3231, all in Kanawha Co.; West Creek Bridge, Project 139-A, Mason Co.; Camp Creek Bridge, Project 121, Mercer Co.; West Landgraff Bridge, Project 2048-B, McDowell Co.; Sycamore Bridge, Project 3164, Jackson Co.; Cairo Bridge, Project 3115, Ritchie Co., Upper Spring Creek Bridge, Project 2089, and Reedy Bridge, Project 3125, Roane Co.; Bridgeport Bridge, Project 3269, Harrison Co.; French Creek Bridge, Project 3277-B, Upshur Co.; Moorefield Bridge, Project 62, Hardy Co.; Beverly Bridge, Project 3210, Randolph Co.; Mill Race Bridge, Project 3143-A, Tucker Co. E. B. Varskadon, secy.; adv. E. N.-R. Aug. 6.

South Carolina—Sept. 1 by State Highway Dept., Columbia, for Santee River Bridge and approaches on State Rd. 30, between Clarendon and Orangeburg Counties. S. McCowan, ch. Hy. Comrs.; adv. E.N.-R. Aug. 6.

Mich., Ann Arbor—Aug. 10, for three 40 ft. spans bridge over the Huron River at Fuller St., here.

Wisconsin—See "Streets and Roads."

Mo., St. Louis—See "Contracts Awarded."

Tex., San Angelo — Aug. 29, by E. V. Spence, mayor, 380 ft. arched span, rein.-con. bridge with sewer siphon, across Concho River, here. $40,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted July 23.

Colorado—Aug. 12 by State Highway Dept., Denver, a 113 ft., concrete girder bridge with graded approaches over Muddy Creek, about 19 mi. south of Pueblo on State Hy. 1, Pueblo Co. S. D. Blauvelt State Office Bldg., Denver, engr.

Washington—Aug. 18, by State Hy. Dept., Olympia, two 123 ft. and one 144 ft. fixed, open spandrel, concrete deck arch spans or two 200 ft. steel truss spans with 40 ft. concrete "T"-beam approach, over Elwha River on State Rd. 9, Clallam Co. To exceed $25,000. J. W. Hoover, highway engr. Noted July 2.

Wash., Tacoma—Sept. 1, by State Hy. Dept., Olympia, 2,830 ft. steel and rein.-con. viaduct across railway tracks and Puyallup River on State Rd. 1, Pierce Co. J. W. Hoover, highway engr. Adv. E. N.-R. Aug. 6.

BIDS RECEIVED

Massachusetts—See "Streets and Roads."

New Jersey—State Hy. Dept., Trenton, July 27, 2 concrete bridges on State Highway Route 4, Sect. 30, and 2 bridges over Cedar and Mill Creeks, Ocean Co., from Ashbrook Constr. Co., Mayetta, $29,530. Noted July 9.

North Carolina—State Hy. Comn. Raleigh, rein.-con. bridge and culverts on Project 395, Robeson Co., from Rhyne & Kitchen, Henderson, $63,573; on Project 851, McDonnell Co., from Appalachian Constr. Co., Knoxville, Tenn., $41,751—on Project 889, Yancey Co., from Albert Bros., Shawsville, Va., $26,147. Noted July 2.

Tex., Gonzales—See "Streets and Roads."

California—State Hy Comn., Sacramento, rein.-con. bridge over Coachella Storm Water Channel, Riverside Co., from Badt-Falk-Bergendahl, Bartlett Bldg., Los Angeles, $37,495, engrs. est. $38,250; also over Charley Creek, Shasta Co., from Bordwell & Zimmerman, Napa, $71,770, engrs. est. $69,320. Noted July 9.

Calif., San Francisco—City and San Francisco Co., rein.-con. bridges, at San Jose and Mt. Vernon Aves., from Bond Constr. Co., 1st Natl. Bank Bldg., $97,140. Engrs. est. $175,000. Noted July 2.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, concrete bridge and approaches on 2,000 ft. highway in Bellingham, to A. DePasquale, Milford, $19,282, and widening 3 timber bridges on highway in Revere and Saugus, to L. S. White, Inc., 1 West St., Kingston, $44,604. Noted July 30.

Mass., Holyoke — Bd. Pub. Wks., City Hall, 3 span concrete and steel deck girder bridge, Cabot St., to P. J. Kennedy & Co., Inc., 46 Park St., Holyoke, $25,920. Noted July 30.

N. Y., New York—W. W. Mills, Comr. Plants & Structures, Municipal Bldg., reconstructing center pier fender at 145th St. Bridge, over Harlem River, to A. N. Spooner & Sons, Inc., Pier 11, North River, $68,795. Noted July 30.

Pa., Phila.—City, 435 x 108 ft., timber I-beam bridge over Greenwich Branch Pennsylvania R.R. and Baltimore & Ohio R.R. tracks, at 7th St., to Brown King & Co., Commercial Trust Bldg., $102,215. Noted July 30.

Louisiana—See "Streets and Roads."

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, 1 steel superstructure for 170 ft. span bridge, Route 12, Sect. 1-C, Lawrence Co., to St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo., $13,690; one 20 ft. concrete slab and one 42½ ft. concrete girder bridges, Route 3, Sect. 2-B, Morgan Co., to Herrick Constr. Co., Carlinville, $11,092; one 7 span, 40 ft. concrete girder bridge, Route 32, Sect. 4-B, Moultrie Co., to Dees Bros., Oblong, $31,251; one 24 ft. and one 40 ft. span concrete girder bridge, Route 36, Sect. 2-B, Hancock Co., to Federal Bridge Co., 1002 B. T. Bldg., Des Moines, Ia., $12,234; one 24 ft. concrete slab bridge, one 58 ft. and two 45 ft. concrete girder bridges, Route 40, Sect. 10-B, Jo Daviess Co., to W. H. Shons, Freeport, $34,970. Grand total $103,237. Noted May 28 and June 18.

Wis., Manitowoc—A. H. Zander, city clk., substructure for steel bridge over Manitowoc River at 8th St., to McMullen & Pitz

Bridges (Continued)

Constr. Co., 923 Commerce St., $148,470, superstructure, to Manitowoc Shipbuilding Co., 16th and Rover Sts., $166,375. Noted July 30.

Ia., Allison—Butler Co., to Shirley Constr. Co., Omaha, Nebr., Primary Project 371, 4,767 cu.yd. excav. at $0.253 per cu.yd., Project 260, 51,976 cu.yd. earth excav. $0.235, 75 cu.yd. approach excav. at $0.253, 1,200 cu.yd. channel excav. at $0.253, loose rock excav. $2.00 and solid rock excav. $3.00; to Waugh & Tackman, Clarksville, 4 box culverts, $2,482; to E. N. Ove, Dike, 2 span 36 x 24 ft. I-beam bridge, $8,290; to C. J. Kramme, Ft. Dodge, one 90 x 20 ft. and one 60 x 20 ft. pony truss bridges, $14,500.

Ia., LeMars—Plymouth Co., 1 pony truss and 2 I-beam bridges with concrete floors and abutments, 5 box culverts, also 2 I-beam and 2 pony trus bridges with wood floors and abutments, etc., to Humphrey & Son, Cherokee, $28,060.

Ia., Onawa — Monona Co. improving Primary Project 38, etc., 136 cu.yd. excav., 210 ft. 15 in. culvert pipe and 69,900 cu.yd. overhaul, to C. W. McNamara, Sioux Falls, S. D., $29,925; 15 concrete box culverts on Contr. 1, to McCallan & Doron, South Sioux City, $36,800; 15 concrete culverts on Contr. 2, to Snyder & Johnson, Humboldt, $35,229.

Kan., Eldorado—Butler Co., 12 concrete culverts, to C. A. Clark, Wichita, $3,708; 24 concrete culverts and 1 multiple slab bridge, to Lewis & Schide, Eldorado, $11,098; 1 multiple box culvert, and 1 double 12 ft. low water bridge, also two 16 ft. slab span bridges and one 32 ft. span I-beam bridge, to Wilday & Reagor, Augusta, $1,644 and $3,100 respectively; 4 concrete culverts, to Kiser & Son, Leon, $1,593; 25 ft. T girder bridge, 1 multiple box culvert, 1 wing wall and 1 concrete box culvert, to Missouri Valley Bridge & Iron Co., Leavenworth, $4,608.

Missouri, St. Louis—San Francisco Ry., Frisco Bldg., St. Louis, setting piers and abutments and concrete boxes for various bridges along River Div. between St. Louis, Mo. and Terrell, Ark., to United Constr. Co., 408 Lyric Bldg., Cincinnati, O., approximately $25,000.

Mo., St. Louis—City will resurface and repair roadway and superstructure of viaduct over railroads in Mill Creek Valley, at Grand Blvd., by day labor. $25,000. Noted Feb. 10.

Arkansas—State Hy. Dept., Little Rock, 1,520 ft. creosoted timber bridge across Big Lake, on Blytheville-Manila Rd., 4,990 cu. yd. excav., 116,216 ft. untreated and 143,784 ft. treated timber, 10,812 ft. creosoted piling, etc., to J. F. Mullins, 1818 Chestnut St., Pine Bluff, $31,973

Tex., Austin — Travis Co., rein.-con. bridges and culverts, incl. 135,704 lb. reinforcing, etc., on State Highway 20, Federal Aid Project 478-D, 26 ft., to Johnson Bros., Austin, $39,329; grading 2.68 mi. same road, to H. Kyle, Hutton, $5,706. Noted June 11.

Tex., Gonzales—See "Streets and Roads."

Calif., Salinas—Monterey Co. rein.-con. bridge, over Arroyo Secco River, to A. W. Kitchen, 110 Market St., San Francisco, $57,265. Noted July 23.

Ont., Atherley—F. Barber and associates Ltd., engrs., 45 Jarvis St., Toronto, 400 ft. concrete and steel bridge, 4 concrete truss and 1 swing spans over Trent Valley Canal, to Curran & Briggs, Orillia, for Simcoe Co. (Barrie) and Ontario Co. (Whitby). $52,584. Engrs. est. $100,000.

Ont., Toronto—Toronto Terminal Ry Co., New Union Sta., temporary timber overhead bridge at Bay St., to Dominion Constr. Co., 14 Wellington St. E. Engrs. est. $100,000.

Dams

PROPOSED WORK

La., Shreveport—Caddo Levee Bd., c/o W. A. Kedley, secy., plans repairing Caddo Lake Dam. State of Texas will appropriate $25,000, W. A. Kedley $12,500, State of Louisiana $12,500, Federal Government $50,000, Gulf Refining Co. $25,000 toward cost. G. C. Schoenberg, New Court Bldg., New Orleans, engr.

Tex., Cleburne—Cleburne Lake Rod & Gun Club making plans 900 ft. earth dam and rock spillway. $25,000 to $30,000. Jno. B. Hawley, 403 Cotton Exch. Bldg., Ft. Worth, engr.

Wash., Tacoma — Tacoma Light Dept. soon takes bids (2nd unit) diversion dam, for Cushman Power Project, here. $100,000.

BIDS DESIRED

Okla., Walters—See "Waterworks."

CONTRACT AWARDED

N. H., Bethlehem — Bethlehem Electric Co., Ambursen dam 300 ft. long, 25 ft. high and hydro-electric plant, to Ambursen Constr. Co., Inc., Grand Central Terminal, New York City. Archts. est. $100,000.

Tex., Crystal City — Zavalla Co., 3 new dams for irrigation purposes in Winter Garden trail, to W. Bates, Crystal City, $116,925.

Ont., Ottawa—Chaudiere Power Co., constructing dam here to Grant Bros. Constr. Co., Albert St. $40,000.

Railways

PROPOSED WORK

New York — Public Serv. Comn., Binghamton, authorized constructing single track switch and siding crossing Brown St., at grade of Delaware, Lackawanna & Western R.R., Binghamton, also plans constructing new marginal highway to eliminate grade crossing to Floyd Rd. Highway in town of Marcy.

Virginia—Big Sandy & Cumberland R.R. Co., 115 East Rich St., Columbus, O., W. M. Ritter, pres., plans 14.08 mi. railroad extension from Hurley to Levisa Fork, here. $2,500,000.

North Carolina—Seaboard Air Line Ry. plans extending main line 40 mi. from Rutherfordton to Hendersonville. $8,000,000. W. D. Faueette.

Florida — Seaboard-All Florida Ry., a subsidiary of the Seaboard Air Line Ry., Continental Bldg., Baltimore, Md., plans an east coast extension of the latter system from West Palm Beach to Miami and a west coast extension to Fort Myers. S. Davis Warfield, Calvert and Baltimore Sts., Baltimore, Md., pres.

Oklahoma—St. Louis & San Francisco Ry., 120 Bway., New York City, making preliminary surveys extending 6 mi. railroad from Lucian to Garber. $300,000. F. G. Jonah, Frisco Bldg., St. Louis, Mo., ch. engr.

Ontario—Ontario Hydro Power Comn., University Ave., Toronto, A. Beck, chn. plans constructing 3 mi. new track and 9 mi. double track and reconstruction work, in Windsor. $750,000. Comm. engrs.

BIDS DESIRED

Massachusetts—Aug. 27, by Transit Dept. 1 Beacon St., Boston, constructing sect. 1 Dorchester Rapid Transit, road bed, platforms, bridges, etc.

CONTRACTS AWARDED

Saskatchewan—Canadian Natl. Ry., 230 St. James St., Montreal, Que., 44 mi. Tuttleford-Meeting Lake branch and 23 mi. St. Paul de Mehs branch line, here, to J. G. Hargrave & Co. Ltd., 334 Main St., Winnipeg, Man.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Kan., Wichita — North Wichita D. D. making surveys levees, ditches, sluice gates, etc. Clark E. Jacoby Eng. Co., 700 Interstate Bldg., Kansas City, Mo., engrs.

Okla., Okemah—Canadian D. D. 1, Okfuskee Co. making preliminary plans draining and straightening North Canadian and Deep Fork Rivers across county. $1,000,000. E. E. Blake, Terminal Bldg., Oklahoma City, engrs.

Calif., Tracy—Directors Banta Carbona Irrigation Dist. rejected bids July 11, 40 mi. distributing lateral system, 80,000 cu.yd. excav., 610 r.w. timber checks and drops, and 300 timber turnouts. W. D. Harrington, Tracy, engr. Noted July 2.

Ont., Welland—Dept. Rys. and Canals, Parliament Bldgs., Ottawa, making plans and soon takes bids constructing 4 mi. Sect. 6, Welland Canal, from Alexandria Bridge to Port Robinson. $5,000,000. W. A. Bowder, ch. engr.

BIDS DESIRED

N. Y., Brooklyn—Aug. 10, by M. Cosgrove, Comr. of Docks, Pier A, foot of Battery Place, North River, New York City, constructing dikes and bulkheads and dredging a channel from 550 ft. east of Rockaway Parkway to 500 ft., east of the East Side of Fresh Creek Basin, Jamaica Bay, Brooklyn Boro.

Ill., Geneseo—Aug. 25, by Comrs. Mud Creek Special D. D., Henry Co., and State, constructing and extending main ditch. V. X Smiley, Geneseo, engr.; adv. E. N.-R. Aug. 6.

Tex., Wharton—Sept. 1, by J. P. Markham, engr., Wharton, cleaning out and improving 14 mi. Colorado River, in Wharton and Matagorda Counties, for Wharton Co. Conservation & Reclamation Dist. 1. $40,000.

BIDS RECEIVED

Calif., Venice—City, July 21, filling canals and waterways 90,000 cu.yd. rock, from E. Schekling, 4362½ South Figuerra St., Los. Angeles, at $0.53 per cu.yd., total $47,700. Noted July 9.

CONTRACTS AWARDED

Ill., Pekin—Urbandale Drainage & Levee Dist., straightening and deepening 65,000 yd. Farm Creek, to J. J. Jobst, Peoria, at $0.20 per yd.

Ill., Woodriver—Woodriver Drainage & Levee Dist., approximately 15,000 cu.yd. earthwork, etc., to Cope Bros., Alton, $0.91 per cu.yd.

Streets and Roads

PROPOSED WORK

Mass., Malden — Plans grading and bituminous macadam paving driveways in grounds about Junior High School, Cross St. $25,000. W. H. Punchard, 16 Arlington St., Boston, engr.

Mass., Medford—Plans widening and improving Main St., South Medford, $62,000 appropriated.

N. J., Burlington—Common Council plans sheet asphalt paving East Pearl and Federal Sts. $45,000. B. A. Sleeper, 304 West Union St., engr.

N. J., Dutch Neck—Princeton Twp. Com., Princeton, making plans improving 3 mi. road from here to Hamilton Sq. $25,000. C. S. Sincerbeaux, Mechanic Bldg., Trenton, engr.

N. J., Lawrenceville—Twp. Com. plans concrete sidewalks on Lincoln Highway, also curbing and guttering Monroe and Lawn Park Aves. $63,000. Engineer not selected.

N. J., Perth Amboy—City Council plans concrete paving Johnstone, Barclay and Division Sts. $66,000. L. Booz, Jr., 283 Madison Ave., engr.

W. Va., Beckley—Clear Fork Dist. voted $80,000 bonds improving various roads in Raleigh Co. W. J. Campbell, Beckley, engr. Noted June 25.

W. Va., Beckley — Town Dist. election Aug. 15, $660,000 bonds, for roads in Raleigh Co. W. J. Campbell, Beckley, engr.

W. Va., Philippi — Philippi Dist. voted $188,000 bonds, improving roads in Barbour Co. R. K. John, Philippi, engr.

North Carolina—State Highway Comn., plans clearing, grubbing, and grading 10 mi. Project 932, from end Project 931 to Tennessee State line, $72,000, and 10 mi. Project 931, from Robbinsville toward Tennesee state line, $70,000, both Graham Co., E. M. Upham, Raleigh, state engr.

North Carolina—State Hy. Comn., Raleigh, plans clearing, grading and surfacing 15.76 mi. roads in Caldwell-Catawba and Jones Counties, $75,500, grading and concrete or asphalt paving 55.24 mi. roads in Columbus, Durham, Robeson, Rowan, Montgomery, and Duplin Counties, $1,925,400; grading and sand asphalt paving 5.41 mi. roads in Gates Co., $83,900; grading and small rein.-con. structures in Rockingham Co., $26,500; grading and waterbound macadam paving roads in Caswell Co., $112,000. C. M. Upham, highway engr.

N. C., Goldsboro—Plans to issue $30,000 bonds sidewalks, and paving various streets. $30,000.

Florida — State Hy. Dept., Tallahassee, soon takes bids curbing, guttering, concrete paving 1,750 cu.yd. Federal Aid Project 41 between Broward Co. line and Miami city limits, Dade Co. $540,000. State Hy. Eng. Dept., Tallahassee, engrs.

Fla., West Palm Beach—Palm Beach Co. election Aug. 18, $370,000 bonds for constructing various roads. F. E. Fenn, clk.

Miss., Gulfport — Harrison Co. making preliminary plans grading, bridging, paving, etc., 16 mi. Magnolia Highway, 18 ft. $580,000.

Miss., Laurel—Jones Co. making preliminary plans grading, hard surfacing, etc., various parts of Laurel-Ellisville Rd. $300,000. H. C. Dietzer, Jackson, engr.

Miss., Lexington—Holmes Co. voted $45,000 bonds for gravel surfacing various streets in Beat One.

Miss., Meridian — Lauderdale Co. soon takes bids grading, bridging and gravel surfacing Meridian-Newton Highway. $150,000. H. C. Dietzer, Jaskson, engr.

Miss., Meridian—See "Sewers."

La., DeRidder—Election Aug. 27, to vote bonds, improving road from Merryville to Calcasieu Parish line.

Streets and Roads (Continued)

O., Akron—Summit Co. plans improving 2¾ mi. Hometown-Richfield Rd., $29,000; 4.65 mi. Clinton-Greensburg Rd., $54,000; 1.54 mi. Bath-Stow Rd., $29,500, all 16 ft. R. E. Williams, Court House, engr.

O., Columbiana—Plans improving New Garden Rd., $125,000. L. C. Kirk, Tilos, engr.

O., Columbus—Making plans grading and laying necessary water services and sewer connections, and paving with (a) brick (b) asphalt or concrete 3,253 ft. Roys Ave. 24 ft. (a) $34,947 (b) $27,474; 427 ft. Wall St. (a) $7,783 (b) $6,097; 445 ft. Chapel St. (a) $8,727. R. H. Simpson, city engr.

O., University Heights (Cleveland Heights P. O.) See "Sewers."

Ind., Crownpoint—Lake Co. plans concrete paving 1.7 mi. Walleske Rd., 18 ft. $44,000. C. K. Wallace, Crown Point, engr.

Mich., Springwells—Plans concrete paving, etc. 10,002 sq. yd. Horger Ave., 8,935 sq.yd. Neckel Ave., 8,846 sq.yd. Calhoun Ave., 6,806 sq.yd. Orchard Ave., and 6,506 sq.yd. Hartwell Ave., sewers in Osborn Pl. and Roemer Ave. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids grading Fish Hatchery, Woodford Co., and sidewalks for bridge on Route 6, Sect. 2-K, Du Page Co. Noted June 18.

Ill., La Grange—Making plans 300,000 sq.ft. concrete sidewalks on various streets. $90,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., La Grange—Making plans grading various streets. $200,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ia., Marshalltown—Making preliminary plans grading, curbing and 7 in. rein.-con. paving 28,572 sq.yd. various streets.

Ill., Peoria—Making plans grading, curbing, paving, etc., 6.5 blocks Nowland, West Republic, East Gift and South Underhill Sts. $33,070. W. E. Backes, City Hall, engr.

Minn., Faribault—F. M. Kaisereatt, aud. Rice Co., rejected bids July 15, grading, etc., 6.9 mi. Job 2503, S. A. Rd. 64 and portion S. A. Rds. 51 and 26, $30,259; 12.6 mi. Job 2504, S. A. Rd. 3, Divs. A and B, $51,480; and 4 mi. Job 2417, S. A. Rd. 54, $18,566 Noted June 25.

Kan., Baldwin — Making plans paving various streets. $40,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Kan., Hill City—Making preliminary plans grading, curbing and brick or vibrolithic concrete paving 10 blocks various streets, $75,000. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs.

Kan., Lawrence — Douglas Co. making preliminary plans grading, bridging, surfacing, etc., 5 mi. Golden Belt Highway from Lawrence to Jefferson-Douglas County Lines, 10 mi. Lawrence-Kansas City Rd., 2 mi. New Santa Fe Rd., 25 mi. National Old Trails Rd. and 6 mi. Lawrence-Baldwin Rd., etc. H. A. Marshall, 111 Stephens St., Topeka, engr.

Kan., Lawrence — See "Streets and Roads."

South Dakota—State Hy Comn., Pierre, takes bids in August, grading 12 mi. from Lennox to Parker, Turner and Lincoln Counties, 18 mi. road in Irene, Yankton and Clay Counties, 1 mi. road from Watertown to Florence, Codington Co., 14 mi. from Wagner east, Chas. Mix Co., graveling 6 mi. road from Platte east, Chas. Mix Co. and 6 mi. road from Beresford west in Lincoln and Clay Counties.

Tex., Beeville—Bee Co. soon takes bids 1 in. Uvalde Rock asphalt surfacing 107,000 sq.yd. State Highway 12, $60,000. R. Harrison, Beeville, engr.

Tex., Big Springs—Voted $60,000 bonds for paving various streets. Montgomery & Ward, Wichita Falls, engrs.

Tex., Eastland — Election soon $100,000 bonds improving business streets. Engineer not selected.

Tex., Plainview—Soon takes bids brick on 4 in. concrete paving 100 blocks various streets. $300,000. R. G. Carraway Co., Childress, engr.

Tex., San Angelo—Tom Green Co. plans election $150,000 or more bonds, hardsurfacing roads radiating from here. J. T. Mathison, San Angelo, engr.

Tex., San Antonio—Making preliminary plans widening 6 blocks Main St., from 50 to 80 ft. $450,000. I. Ewig, city engr.

Tex., San Diego—Duval Co. postponed date bids improving 13.33 mi. State Highway 12-A, Federal Aid Project 424-F, $90,000, and 15.76 mi. State Highway 12-A, Federal Aid Project 424-E, $125,000. F. E. Hess, San Diego, engr. Noted July 16.

Tex., Uvalde—Uvalde Co. making plans bituminous surfacing 15 mi. State Highway 3, 16 ft. $27,000. M. B. Hodges, Uvalde, engr.

Tex., Weatherford—Parker Co. making plans grading, bridging and gravel surfacing 5.47 mi. State Highway 10, 18 ft. $76,000. B. A. Davis, Ft. Worth, co. engr.

Mo., Joplin — Making preliminary plans bituminous macadam resurfacing and one course concrete paving 15 blocks Virginia, Sergeant and 2nd Sts., etc.

Mo., Lebanon—Making preliminary plans grading, curbing and concrete paving 16,500 sq.yd. various streets. Russell & Axon, 412 McDaniel Bldg., Springfield, engrs.

Mo., Lexington—Plans bituminous material coating on pressed brick surfacing 10 blocks various streets. To exceed $25,000. G. C. Wright, city clk.

Mo., Springfield—Greene Co. received 1st installment $169,000 refund from State Hy. Dept., Jefferson City, and plans improving various roads.

Mo., University (St. Louis P. O.)—Making preliminary plans constructing streets, etc., in Subdivision Tract 2, at Midland and Jackson Blvds. $85,000. Pitzman Eng. & Surveying Co., 615 Chestnut St., St. Louis, engrs.

Ark., Conway—Making preliminary plans grading, curbing hard surfacing, etc., 40 blocks Paving Dist. 12.

Ark., Helena—Making preliminary plans grading, curbing and asphalt surfacing 33 blocks various streets. L. R. Parmelee, Helena, engr.

Okla., Cushing—Plans grading and paving 6,300 sq.yd. East Maple St. $25,000. T. E. Deardorff, Cushing, engr.

Okla., Enid—Plans grading, curbing and asphalt surfacing 27,000 sq.yd. and concrete surfacing 26,000 sq.yd. various streets. $186,000. F. C. McGruder, Enid, engr.

Okla., Oklahoma City—City rejected bids grading and paving 6 block Ave. F, 30 ft. $35,000. B. M. Hart, City Hall, engr. Noted June 11.

Okla., Oklahoma City—Plans grading and sheet asphalt paving 8,300 sq.yd. Penn, 22nd and Cross Sts. $51,200. B. M. Hart, City Hall, engr.

Okla., Oklahoma City — Making preliminary plans grading and paving California and Walker Aves., 7,200 sq.yd. vitr. brick and 1,850 sq.yd. sheet asphalt. $46,300. B. M. Hart, City Hall, engr.

Okla., Lindsay—Defeated $72,000 bonds grading and paving 11 blocks Kiowa and Creek Aves. Project dropped. Noted June 25.

Okla., Tecumseh — Pottawatomie Co. plans election Sept. 5, to vote $750,000 bonds for improving various county roads. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Okla., Tonkawa—Plans grading, curbing and vertical fibre brick paving 6,100 sq.yd. 4th, North 8th Sts., etc. $27,000. J. P. Rickard, Ponca City, engr.

Calif., Los Angeles—Making plans 6 in. asphaltic concrete paving about 12 mi. portion Beverly Blvd., 40 ft. D. L. Reaburn, 515 Wilcox Blvd., Los Angeles, engr.

Calif., Los Angeles — Soon takes bids grading, curbing, guttering, sidewalks and paving 6 alleys, Larga Ave., Jean, Evergreen, Norval, St. Albans and Evanston Sts., Avenues 33 and 26. H. A. Van Norman, city engr.

Calif., Oroville—Butte Co. made plans concrete paving 3,224 lin.ft. portion Chico-Butte City Rd. 18 ft. H. H. Hume, Oroville, co. road engr.

Calif., Palo Alto—See "Sewers."

Calif., San Diego—Plans improving L St. between 9th and 32nd Sts., 4,399 cu.yd. excav., 2,743 lin.ft. curbing, 14,554 sq.ft. concrete sidewalk, 76,828 sq.ft. 2 in. on 5 in. concrete paving, 284,964 sq.ft. 1½ in. asphalt on 4 in. concrete paving; B St. between 18th and 22nd Sts., 2,142 cu.yd. excav., 10,064 cu.yd. embankment, 52,232 sq.ft. 5 in. concrete paving, 1,542 ft. concrete curbing, 5,526 sq.ft. concrete sidewalks; Juniper St., 2,716 cu.yd. excav., 1,709 ft. concrete curbing, 116,309 sq.ft. 2 in. asphalt on 5 in. concrete paving, 293 cu.yd. embankment, 8,519 sq.ft. concrete sidewalks. F. A. Rhodes, city engr.

Calif., San Diego—Common Council plans improving 15th St., between Balboa Park and N St., invol. 215,308 sq.ft. 1½ in. asphalt on 5 in. concrete paving, 1,390 sq.ft. 1½ in. asphalt surfacing, 7,875 sq.ft. concrete sidewalks, 1,936 lin.ft. curbing, etc. F. A. Rhodes, city engr.

Calif., San Luis Obispo—San Luis Obispo Co. plans constructing 17 mi. roadway in Coast Rd. Impvt. Dist. $75,000 or more.

Calif., Santa Rosa — Sonoma Co. made plans grading and concrete paving 2,047 cu.yd. road from Vineburg to Black Point, and portion of Petaluma Valley Ford Highway. $33,500. E. A. Peugh, Santa Rosa, co. surv.

Calif., Ventura—Ventura Co. plans concrete paving approximately 2 mi. Ojai-Santa Paula Rd. $40,000-$50,000. C. Petit, Ventura, co. surv.

Ont., Fort Frances—Soon takes bids cement paving various streets. $40,000. Prices wanted on materials. D. J. Gillen, city engr.

Ont., Peterboro—Plans bituminous concrete paving 8,000 sq.yd. various streets. $35,000. R. H. Parson, city engr.

Ont., Toronto—Plans grading and extending Union St. $72,000. R. C. Harris, city engr.

Ont., Tecumseh—Plans concrete paving Lesperance Rd. $55,000. Prices wanted on materials. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Windsor—Plans sheet asphalt on concrete paving Janet Ave. $38,000. A. Brian, City Hall, engr.

BIDS DESIRED

New Hampshire — Aug. 7, by F. E. Everett, comr. State Hy. Dept., State House, Concord, bituminous macadam surfacing 0.89 mi. highway in Plymouth, Federal Aid Project 204-B; and cut stone and concrete piers and abutments in Newfields-Stratham.

Massachusetts — Aug. 11, by Dept. Pub. Wks., Boston, bituminous macadam surfacing 4,010 ft. highway in Rockport, 6,264 ft. highway in Orange, 1,874 ft. highway in Avon and cement concrete and bituminous concrete surfacing 5,425 ft. highway in Arlington. W. F. Williams, comr.

N. Y., Brooklyn—Aug. 12, by J. A. Guider, pres. Boro Hall, regulation and asphalt on concrete paving, Colonial Rd., Atkins, New York, Grand, Livonia, 7th, 8th, 12th, 17th, 19th, Aves Ave. T, 89th, 90th, 34th, 31st, granite block paving Blake Ave. Portal St., grading, curbing and flagging, etc. East 29th, 31st, 39th, 47th, Sts., Avenues P and T, 12th and 17th Aves.

N. Y., Long Island City—Aug. 10, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., grading, etc., Rockaway Blvd., 59th Pl. and 59th St.; grading and curbing Rockaway Blvd. Welling and Fremont Sts.; recurbing Washington Ave.

N. Y., St. George—Aug. 12, by J. A. Lynch, pres. of Boro Richmond, Boro Hall, bituminous concrete repaving, roadway of Richmond Ave.

Pennsylvania — Aug. 11, by State Hy. Dept., Harrisburg, (**R. means Route and A. Application**), one course rein.-con. paving 5,469 ft. R. 123, Strabare-Cumberland Rd. Adams Co., 17,109 ft. R. 189, Sect. 1 and R. 66, A. 3029, Rayburn-Kittanning Rd. Armstrong Co., 37,189 ft. R. 212, Sects. 3 and 8, Burlington-North Towanda Rd. Bradford Co., 21,384 ft. R. 17, Sect. 6, Dushore B-Albany-Cherry Rd., Bradford and Sullivan Counties, 21,600 ft. R. 150, Bensalem Rd. Bucks Co., 10,350 ft. R. 142, Sect. 4, Eastown-Tredyffrin Rd. Chester Co., 9,152 ft. R. 139, Hummelstown Rd. Dauphin Co., 8,811 ft. R. 163, Slatington-Washington Rd. Lehigh Co., 9,958 ft. R. 199, Sect. 2, Tremont-Reilly Rd., Schuylkill Co., and 10,546 ft. R. 25 Spur, Monroe-Union Rd. Snyder and Union Counties; bituminous on concrete or one course concrete surfacing 1,910 ft. A. 3414, Mill Creek Rd., Erie Co.; bituminous on broken stone, bituminous surfacing course, Spec. "E" on broken stone, or one course rein.-con. paving 3,544 ft. A. 3463, Heidelberg Rd. Berks Co., and 8 in. compressed stone 2 in. amiesite surfacing 13,610 ft. A. 1217, Coal Rd., Northumberland Co. P. T. Wright, secy.

Pa., Ebensburg—Aug. 17 by Comrs., Cambria Co., and J. M. Hoffman, controller, Court House, reconstructing Upper Yoder Twp. Rd., 436 cu.yd. concrete, 1530 sq.yd. brick on concrete paving and 4525 cu.yd. excav., etc. L. R. Owen, Court House, co. engr.

Pa., Uniontown—Aug. 17 by E. Huston, controller, Fayette Co., one course rein.-con., paving 750 ft., various streets also 45 ft., rein.-con., span bridge in Redstone Twp.; 9,700 ft., one course rein.-con. and 800 ft. bituminous macadam paving various streets in Connellsville and Upper Tyrone Twps.; 2,485.7 ft. various streets in Wharton twp.

Delaware—Aug. 19, by State Hy. Dept., Dover, constructing 2 mi. Contr. CS37, 1.4 mi. Contr. CS41, 2.89 mi. Contr. CS42, 0.32 mi. Contr. CS43, and 1.1 mi. Contr. CS44; adv. E. N.-R. Aug. 16.

Maryland—Aug. 18, by State Rds. Comn., Baltimore, concrete paving 0.54 mi. state road through Chesapeake City, Cecil Co., Contr. CE-49. $20,000. J. N. Mackall, Garrett Bldg., Baltimore, chn. comm.

Md., Baltimore—Aug. 12, by Bd. Awards, improving various streets, Contr. 295-NA. S. Purcell, City Hall, hy. engr.

West Virginia — Aug. 24, by State Rd. Comn., Charleston, grading, gravel surfacing, etc., 5.15 mi. Kanawha-Marmet Rd., Project 3295, Kanawha Co., $100,000, H. R. Anderson, Charleston, engr.; grading, etc., 0.5 mi. Main St. of Matoake, Project 3093, Mercer Co., $12,000, H. P. Spelman, R. and P. Bldg., Huntington, engr., 4.2 mi. Belva-

Streets and Roads (Continued)

Swiss Rd, Project 3181, Nicholas Co., $50,000. H. R. Anderson, Charlestoa, engr., 6 mi. Franklin-Riverton Rd., Project 3175-C, $80,000, and 5.1 mi. Franklin-Monterey Rd, Project 3213, $80,000, both Pendleton Co; B. E. Gray, Keyser, engr., 4.5 mi. Scarv-Winfield Rd., Project 3350, $33,000, 4 mi. Country Club-Poca Rd., $30,000, and 4 mi. Plymouth-Red House Rd., Project 3247, $40,000, all Putnam Co., H. J. Spelman, R. & P. Bldg., Huntington, engr. 5.4 mi. Parsons-Elkins Rd., Project 2111-C, Randolph Co., $60,000, B. E. Gray, Keyser, engr.. 5 mi. Ellenboro-Pleasants Co. line Rd., Projects 3265 and 3267, Ritchie Co., $60,000, H. E. Snyder, Parkersburg, engr ; bituminous macadam surfacing 1.5 mi. Coalton-Mabie Rd., Project 3212, Randolph Co., $32,000, B. E. Gray, Keyser, engr.; all above roads 18 ft. wide.

Fla., Bartow—Aug. 25, by Comrs. Polk Co., asphalt on clay or lime rock paving approximately 30 mi. Roads 1 to 14 inclusive, in Dist. 12. $733,000. J. D. Raulerson, clk.

Fla., Tampa—Aug. 18, by City Comrs., curbing and 2½ in. asphalt block on 6 in. rock paving portions of 27th Ave., Osbow, Citrus, Bailey, Emily and Cherokee Sts., etc. $40,000. R. D. Martin, City Hall, engr.

Ala., Mobile—Sept. 3, by Bd. City Comrs., sheet asphalt, warrenite bitulithic, over course concrete and asphaltic concrete paving etc. various streets. W. Smith, city engr.; adv. E. N.-R. Aug. 6.

Louisiana—Aug. 25, by State Hy. Comn., Reymond Bldg., Baton Rouge, 7.22 mi. in Washington Parish, between Franklinton and Amite, Tangipahoa Parish; 11.79 mi. Leesville-Many Hv., Vernon Parish; 3.31 mi. Chacahouim-Gibson Hv., between Thibodaux and Morgan City, Tarrehomme Parish, 4.2 mi. Evangeline Hy., Jefferson Davis Parish, 3.03 mi. Church Point-Opelousas Hy. Acadia Parish. W. B. Robert, state hy. engr.

Louisiana—Aug. 26, by State Hy. Comn., Reymond Bldg., Baton Rouge, 15.4 mi. road from Mer Rouge through Oak Ridge to Lake Lafourche, Morehouse Parish. W. B. Robert, state hy. engr.

La., DeRidder—Aug. 10, by Police Jury Beauregard Parish, 10 mi. road. D. W. McFaulter, secy.

Tennessee—Aug. 28, by State Hy. Dept., Nashville, grading, graveling, concrete paving and bridging, roads in various counties. Adv. Engr. N.-R. Aug. 6.

O., Cleveland—Aug. 8 by Comrs., Cuyahoga Co., repairing Cook Rd., $24,975. F. Lander, Court House, engr.

O., Cleveland—Aug. 12 by City, paving, Larchmont Rd. N. E. Macomb, Manor and Park Aves. S. E., Melville Rd., N. E., Natchez Ave. S. W., Norway Ave. N. W., Parkgrove Ave. N. E., Pilgrim Ave. N. W., and Triskett Rd. N. W. R. Hoffman, engr.

Ind., Crown Point — Aug. 10, by C. K. Wallace, engr., Crown Point, concrete paving 1.9 mi. Carl Rd., $51,000, and 2.1 mi. Wise Rd., $55,500, both 18 ft., for Lake Co. Noted July 30.

Ind., Goshen—Aug. 7, by C. L. Kinney, engr. Goshen, concrete paving 4,450 ft. Schrack Rd., $25,625, and graveling 3 mi. Mishler Rd., $29,549, both 24 ft., for Elkhart Co. Noted July 30.

Ind., New Albany—Aug. 13, by M. M. Boland, engr., New Albany, concrete paving 7,433 ft. Ball Knob Rd., 18 ft., for Floyd Co. $27,470. Noted July 30.

Ind., Sullivan—Aug. 7, by City Engineer, asphalt paving 1 mi. Washington St. from Main to Jackson Sts. $37,000. Noted July 30.

Ind., South Bend—Aug. 7, by F. G. Anderson, city engr., asphalt paving 0.7 mi. William and Diagonal Sts. $30,000. Noted July 30.

Ind., South Bend—Aug. 7, by P. R. Gillin, engr., South Bend, grading and graveling 2.7 mi. Ironwood Rd., 24 ft., for St. Joseph Co. $27,200.

Ind., Williamsport — Aug. 7, by J. R. Gregory, engr. Williamsport, graveling 13,322 ft. Salts Rd., 24 ft., for Warren Co. $25,000. Noted July 30.

Michigan—Aug. 13, by State Hy. Dept., at office Comrs. Keweenaw Co., gravel surfacing 11 mi. State Trunk Line Rd. 51-21, G. C. Dillman, Lansing, ch. engr.

Michigan—Aug. 14, by State Hy. Dept. at office Comrs. St. Clair Co., Port Huron, concrete paving 1.636 mi. Trunk Line Rd. 19-24 A and C. G. C. Dillman, Lansing, ch. engr.

Michigan—Aug. 14, by State Hy. Dept. at office Comrs. Ogemaw Co., West Branch, graveling 1.988 mi. Assessment Dist. Rd. 8, G. C. Dillman, Lansing, ch. engr.

Michigan—Aug. 19, by State Hy. Dept. at office Comrs. Ionia Co., Ionia, grading 6.956 mi. Trunk Line Rd. 43-2B. G. C. Dillman, Lansing, ch. engr.

Ill., Chicago—Aug. 11, by West Chicago Park, Comn., J. J. McComb, secy., grading, curbing and sheet or Kentucky rock asphalt paving Division St. through Humboldt Park from Kedzie to Sacramento Aves.; also electric lights, traffic signals, etc.

Ill., Kewanee—Aug. 10, by Bd. Impvts., grading, curbing, granite on concrete, rein.-con., brick or Warrenite Bitulithic paving, etc., 9 blocks Division, Henry, Vine and Rockwell Sts. $40,000. J. G. Palmer, City Hall, engr. Noted July 2.

Ill., Maywood—Aug. 15, by City, concrete surfacing various streets. $190,000. E. Hancock, 2047 Ogden Ave., Chicago, engrs.

Wisconsin—Aug. 12, at Div. Office 5 of State Hy. Comn., Madison, improving 4.45 mi. Black River Falls-Augusta-Eau Claire Rd., Federal Aid Project 395-B, 18 acres clearing, 5,550 lin.ft. intercepting ditch, 37,601 cu.yd. earth excav., 1,650 cu.yd. solid rock excav., 22,947 cu.yd. borrow, 10,515 cu.yd. shale surfacing, etc.; also constructing Merrillan Bridge, Sta. 472, one 70 ft. steel girder span, on Black River Falls-Augusta-Eau Claire Rd., Federal Aid Project 395-A, Atwater bridge on Sparta-La Crosse Rd., Federal Aid Project 397-A, La Crosse Co. and Blacksmith Ship Bridge, Sta. 23 plus 94. J. T. Donaghey, Madison, highway engr.

Wis., Manitowoc—Aug. 14, by A. H. Zander, city clk., various types including concrete paving 14th, 17th, 6th, 21st, 25th and Pine Sts. To exceed $25,000.

Minnesota—Aug. 10, by State Hy. Dept., St. Paul, grading, concrete or asphaltic concrete paving, etc., Dellwood-Wildwood Rd., joint project of Ramsey Co., Dellwood Village and town of Lincoln, Div. A, 20,212 sq.yd. paving Div. B, 18,850 sq.yd., and Div. C, 20,956 sq.yd. $197,000. P. N. Coates, 900 Guardian Life Bldg., St. Paul, engr. Noted July 30.

Neb., Papillion—Aug. 14, by J. E. Strawn, Clerk Sarpy Co., improving 10.5 mi. Bellevue Precinct, 71,778 cu.yd. earth, and 398 cu.yd. special excav., 70,000 cu.yd. overhaul, 68,719 sq.yd. 3 in. gravel surfacing, etc. in Sect. 1 and 18,000 cu.yd. earth and 100 cu.yd. special excav., 7,000 cu.yd. overhaul, 14,300 sq.yd. 4 in. and 16,400 sq.yd. 3 in. gravel surfacing, etc. in Sect. 2; also 2.6 mi. in La Platte Precinct, 20,259 cu.yd. earth and 311 cu.yd. special excav. 20,000 cu.yd. overhaul, 27,700 sq.yd. 3 in. gravel surfacing, etc. J. D. Gavenman, Papillion, engr. Noted May 28.

North Dakota—Aug. 13, by State Hy. Comrs., and Bd. Comrs., Grand Forks Co., at Court House, Grand Forks, **(F.A.P. means Federal Aid Project)** graveling etc. 11.204 mi. F.A.P. 131A-B north and south through Inkster; 9.439 mi. F.A.P. 117-A, from Larimore north; 12.897 mi. F.A.P. 217 A and B east of Niagara; and 0.417 mi. F.A.P. 246 A, in Larimore.

North Dakota—Aug. 14 by State Hy. Comn. and Bd. Comrs., Foster Co., at Court House Carrington, surfacing etc., 6.006 mi. Federal Aid Project 101, from Carrington west; 9.183 mi Federal Aid Project 151 from Carrington south east.

Tex., Hondo—Medina Co. taking bids 1 in. rock asphalt surfacing 11.55 mi. State Highway 5, $74,000 and 1 in. brick surfacing 98,620 sq.yd. various roads, $60,750. Walton & Arneson, Gunter Bldg., San Antonio, engrs.

Tex., San Antonio—Boxer Co. taking bids bituminous macadam surfacing 8.16 mi. State Highway 24. $79,180. A. C. Pancoast, co. engr.

Oklahoma—Aug. 10, by State Hy. Dept., Oklahoma City, grading and gravel surfacing 28,600 sq.yd. Altus Blair Rd., 30 ft. Jackson Co. $30,000. J. M. Page, highway engr.

Oklahoma—Aug. 10, by State Hy Dept., Oklahoma City, concrete slab surfacing 32,576 sq.yd. Shawnee-Tecumseh Rd., $77,000; and 65,050 sq.yd. Blackwell-Tonkawa Rd., $160,000, both Kay Co., J. M. Page, highway engr.

Okla., Oklahoma City—Aug. 11, by M. Peshek, city cl., grading and sheet asphalt surfacing 5,600 sq.yd. East 16th and Lottie Sts. $32,000. B. M. Hart, City Hall, engr. Noted July 2.

Colorado—Aug. 12, by State Highway Dept., Denver, grading and graveling 5.587 mi. Federal Aid 258-C, west of Gunnison on State Hy. 6, Gunnison Co., 91 acres clearing and grubbing, 39,600 cu.yd. common and 15,400 cu.yd. rock excav., 53,000 sta. yds. overhaul on excav. and borrow, 5,000 cu.yd. gravel surfacing and 1,700 cu. yd. borrow excav., grading, Federal Aid 297-A, extending easterly toward DeBeque from a point about 2 mi. east of Palisade, Mesa Co., 15 acres clearing and grubbing, 24,500 cu.yd. common, 15,700 cu.yd. rock, 7,800 cu.yd. common borrow and 2,200 rock borrow excav. L. D. Blauvelt, State Office Bldg., engr.

Colo., Denver—Aug. 11 by Dept. Impvts. and Parks, asphalt paving 12 blocks South Capitol Hill Paving Dist. 8, $40,000, and 12 blocks in Dist. 4, $40,000. A. K. Vickery, City Hall, engr.

Colo., Denver—Aug. 12 by Dept. Impvts. and Parks, asphalt paving 12 blocks South Capitol Hill Paving Dist. 9, $40,000, and 12 blocks on Dist. 31. $40,000 A. K. Vickery, City Hall, engr.

Colo., Denver—Aug. 13, by Dept. Impvts. and Parks, asphalt paving, 12 blocks West Denver Paving Dist. 10. $58,000. A. K. Vickery, City Hall, engr.

Washington—Aug. 18, by State Hy. Dept., Olympia, clearing, grading, gravel or crushed rock surfacing 1.3 mi. Wilbur Hill Rd. State Rd. 4, Lincoln Co. 5 mi. Hoodsport—Lilliwaup Rd. State Rd. 9, Mason Co., 4.5 Mi. Riverside-Tonasket Rd., State Rd. 10, Okanogan Co., also redecking approaches to bridge over Humptulips River, State Rd. 9, near Humptulips, Grays Harbor Co. J. W. Hoover, highway engr.

Wash., Seattle — Aug. 18, by Bd. King Co. Comrs., headers, drainage ditch, concrete road approaches, etc., 1.08 mi. Endolyne Highway, 18 ft. T. R. Beeman, 602 37th St., engr.

Calif., San Rafael—Supervs. Marin Co. taking bids grading, curbing, guttering and Willite asphaltic concrete paving 76,844 sq. ft. roads in Road Dist. 11. J. C. Oglesby, San Rafael, co. surv. Noted July 2.

Quebec—Aug. 11, by J. L. Boulanger, deputy minister Hy. Dept., Quebec, graveling 14.9 mi. Montreal-Hull Highway, 20 ft. $45,000.

Ont., Birch Cliff—Aug. 10, by W. D. Annis, clk. Scarboro Twp., 1361 Kingston Rd., Toronto, bituminous concrete paving, etc., 14,000 sq.yd. Victoria-Park Ave. $50,000. C. E. Fraser, 1361 Kingston Rd., Toronto, engr.

BIDS RECEIVED

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 4,000 ft. highway in Westborough, from J. Koster, Cambridge Rd., Woburn, $20,712, 9,493 ft. highway in Wrentham, from T. J. Quinn, 101 Menden Rd., Ashton, R. I., $86,790; rein.-con. paving 4,590 ft. highway in Taunton, from Powers Bros., 161 Montello St., Brockton, $51,689; bituminous concrete paving 3,950 highway in Halifax, from O. T. Mann, South Hanover, $11,641, 1,592 ft. highway in Ayer, from Simpson Bros. Corp., 77 Summer St., Boston, $5,720; and gravel surfacing and 3 concrete bridges on 1,050 ft. highway in Conway, from F. F. McCarthy, 42 Fairmont Ave., Newton, $84,578. Noted July 23.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt or bitulithic paving in Adams St., here, from M. F. Graddis, 6 Beacon St. sheet asphalt $44,771, bitulithic $43,971. Noted July 2?

Mass., Quincy (Boston P. O.) — Metropolitan Dist. Comn., 1 Ashburton Pl., improving Furnace Brook Parkway, 3,000 cu. yd. excav., 1,000 cu.yd. filling, 7,000 lin.ft. granite edgestones, 5,000 tons crushed stone, 300 tons sand or stone dust and 30,000 gal. asphalt, from E. C. Sargent, 149 Putnam St., $40,070.

New York—A. W. Brandt, Comr. Highways, Albany. 16.3 mi. Contr. 1699 and 5701, Conduit Blvd., Nassau Co. from the A. A. Johnson Corp., West Ave., Long Island City, $562,987. Noted July 16.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, July 29 from F. Persicano, 350 Fulton St., grading, curbing and flagging Church Ave. $26,568, East 28th St. $2,035, East 35th St. and Cortelyou Rd. $2,099; from W. J. McHale Contg. Co., 1250 Jefferson St., East 34th St. $2,675, 91st St., Ridge Blvd. and 3rd Ave. $2,050, from Castle Bros., Inc., Johnson Pl., Kings Hi hway, $5,926, from Grimm Contg. Co., 170 McKinley St., Rutland Rd. $3,240, 8th Ave. $1,505; from Uvalde Asphalt Paving Co., Bway., New York City, asphalt paving 38th St. $6,145, Union St. $5,473, East 28th St. $5,572, East 34th St. $7,613, East 35th St. $3,975, from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., Marine Ave., $30,801, Quentin Rd. $3,355, W st 10th St. $22,650, 14th Ave. $49,663, 51st St. $11,496, 62nd St. $7,398, Ft. Hamilton Parkway $6,356, 82nd St. $6,990, 91.t St. $7,025, from B. Turecamo Contg. Co., 8706 Bay 12th St., 65th St. $26,699, from R. Lynster, 364 Sterling Pl., recurbing and granite block paving Rochester Ave. $13,703, from Leonard Paving Co., 233 Bway., New York City, Van Brunt St. $140,336; from C. Bennett Contg. Co., 414 Rutland Rd., grading strip on West 8th St. $2,713, from Hastings Pavement Co., 25 Broad St., New York City, asphalt block resurfacing 22nd St. $5,180. Noted July 23.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Aug. 3, from Welsh Bros. Contg. Co., 32 Queens St., Astoria, granite block paving,

Streets and Roads (Continued)

etc., Anable Ave. $83,738, from Carberry Block Corp., 45 South 9th St., Brooklyn, sidewalk space on Kindred St. $1,667, from from C. H. Georgi, 15 Ely Ave., grading sidewal kspace on Kindred St. $1,667, from O'Brien & Kurth, Inc., grading, curbing and sidewalks Rockaway Blvd., $59,270, from Cranford Co., 52 9th St., Brooklyn, 88th Ave. $5,198, 108th St. $17,088, 122nd St. $15,225, Hooker St. $14,137. Noted July 30.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, July 28, grading Clove Ave., from J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $18,860; temporary sewer in McFarland Ave., from Fiorini & Trafaglia, $3,690. Noted July 23.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Aug. 3, grading, paving, etc., Potter Ave. from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $91,735, sewer in Hyland Blvd., etc., from J. Caruselle, $3,976. Noted July 30.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., July 30, asphalt block paving East 163rd St., from L. Di Minna, 2366 Lorrilard Pl., $30,767; grading, curbing sidewalks, etc., on Radcliffe Ave., from Gaffney Constr. Co., 50 East 42nd St., $48,792; sheet asphalt paving Webb Ave. and bituminous concrete paving 206th St. from Interboro Asphalt Co., 2306 Creston Ave., $10,998 and $11,993 respectively; bituminous concrete paving East 179th St., from Brusstar Constr. Co., Harlem River and 150th St., $12,967; sewers in White Plains Rd., from F. Spedero, 827 East 217th St., $7,460, in Baychester Ave., from F. Gabrielle, 1129 8th Ave., $4,982. Noted July 23.

N. Y., New York — Park Bd., at office Dept. Parks, 64th St. and 5th Ave., July 30, repaving main road Southern Blvd. at entrance to Bronx Park, from Asphalt Constr. Co., 208 Bway., $181,035; concrete curbing Dyckman St. Park, from Brusstar Constr. Co., Harlem River and 150th St. $6,613, granite balustrade, from Coliseum Cast Stone Co., Inc., Walton Ave. and East 173rd St. $21,225; asphalt mastic paving roadway around Tompkins Sq. Park, from Sicilian Asphalt Paving Co., 41 Park Row, $5,000. Noted July 23.

New Jersey—State Hy. Dept., Trenton, July 27, graveling 44,447 sq.yd. Route 7, Sect. 5, road from Jerseyville to Freehold, Monmouth Co., from W. Eisenberg, Smith Austermuhl Bldg., Camden, $216,096. Noted July 9.

New Jersey — Freeholders Burlington Co., Mt. Holly, asphalt paving 18,666 sq.yd. Branch Pike, from Union Paving Co., 30th and Locust Sts., Phila., Pa. $48,384; 4,300 sq.yd. Crosswicks St. in Bordentown, from Barrett Paving Co., 139 Hoffman Ave., Trenton, $29,605. Noted July 16.

N. J., Basking Ridge—Freeholders Somerset Co. (Somerville), July 23, improving road from Blazures Corner to Henry St., here, from Osborne & Marcellus, Bellevue Ave., Upper Montclair, $48,821.

N. J., Camden—State Hy. Comn., Trenton, constructing Delaware River Bridge Entrance Rd., Sect. 1, from 11th St., to Cooper River, from McLean Constr. Co., 1414 Fidelity Bldg., Baltimore, Md. $520,348. Noted July 23.

N. J., Monmouth Beach — Freeholders Monmouth Co., July 22, placing 10,500 tons rock stone to protect Ocean Blvd., from T. Proctor, Long Branch, $37,875.

Pennsylvania—Dept. of Highways, Harrisburg, July 24 **(R. means Route and A. means Application)**, from Paul Constr. Co., Inc., Cresson, one course rein.-con. paving 13,508 ft. R. 221, Sect. 3 Cambria Co., $103,412, 20,818 ft. R. 47, Sect. 1 Blair Co., $190,881, 31,826 ft. R. 222, A. 2815, Bedford Co., $318,679, from D. L. Dennis Co., Smethport, 26,925 ft. R. 241, Sect. 2 Bradford Co., $365,770, from A. R. Cooper, Idamar, 1,681 ft. R. 79, Butler Co., $19,012, from M. J. McMahon, Brookville, 7,565 ft. R 347, A. 3145, Beaver Co., $71,708; from Freeland Constr. Co., Amer. Bank Bldg., Hazelton, bituminous surface course on concrete or one course rein.-con. paving 3,460 ft. R. 162, Sect. 1-A, Schuylkill Co., $48,697, from F. L. White Co., Warren, Pa., 1,763 ft. R. 271, Crawford Co., $22,492, from Dalton Bros., Paoli, 15,414 ft. R. 157, Sect. 3, Lehigh Co., $130,359, from Bennett-Randall Co., Lebanon, grading, etc., 11,193 ft. R. 169, Sect. 2, Luzerne and Monroe Counties, $63,296, from W. M. Mosor, 121 North Oak St., Mt. Carmel, 12,866 ft. R. 169, Sect. 2, Luzerne Co., $41,762. Noted July 9.

Maryland—State Roads Comn., Baltimore, concrete paving 2 mi. Contr. M-57, Montgomery Co., from Loomis-Wetzel Co., 1125 14th St., Wash., D. C., $58,079.

Virginia — State Hy. Comn., Richmond, July 23, improving 2.959 mi. Route 35, Project F-145-E, Prince George Co., incl. 30 ft. beam span bridge over Second Swamp, from Allport Constr. Co., Grace-Amer. Bldg., Richmond, $100,275. 2.299 mi. Route 36, Project F-167-E, Clarke Co., from W. H. Clark & Co., Charlottsville, $74,684; 1.505 mi. Route 11, Project F-344-C, Wise Co., from W. H. Meadows, Coeburn, $39,455. Noted July 16.

W. Va., Wheeling—Ohio Co. grading, paving, and retaining walls in Chapline St. extension, from R. A. Holderman, 2221 Chapline St., $124,212.

North Carolina — State Hy. Comn., Raleigh, from Zeigler Bros., Greensburg, grading and concrete or asphalt paving 5.73 mi. roads in Franklin Co., $155,044, 8.19 mi. in Hyde Co., $150,648, 2.35 mi. in Randolph Co., $61,426, 3.07 mi. in Cabarrus Co., $113,013, from F. J. McGuire, Norfolk, Va., Bankers Trust Bldg., 1.76 mi. in Washington Co., $276,004, from R. G. Lassiter & Co., Raleigh, Citizens Bank Bldg., 6.49 mi. in Granville Co., $195,520, from Wilson Constr. Co., Rutherfordton, 9.4 mi. in Rutherford Co., $275,947, from W. H. Anderson Constr. Co., Marion, clearing, grading, etc., 7.86 mi. in Yancey Co., $73,848, from Albert Bros., Shawsville, Va., 12.07 mi. in McDonell Co., $276,939, from F. J. Mulligan Constr. Co., North Wilkesboro, 10.5 mi. in Robeson Co., $50,532, from N. L. Teer, Durham, 7.72 mi. in Jones Co., $57,737, from J. A. Marrow, Clarksville, Va., clearing, grading and top soiling 13.73 mi. in Hoke Co., $56,210. Noted July 9.

Florida—State Road Dept., Tallahassee, July 21, clearing, grubbing and grading 7.47 mi. Project 586, Jackson and Washington Counties, from Gillis Constr. Co., St. Augustine $36,152, 45,421 cu.yd. Project 595, Volusia Co., from J. L. Hunter, Madison, $25,802; grading and sheet asphalt paving 62,010 sq.yd. Project 613, Sarasota Co., from Southern Paving & Constr. Co., Leesburg, $254,871. Noted July 2.

Miss., Yazoo City—Bd. Supervs. Yazoo Co., improving 3.317 mi. Federal Aid Projects 64-A and 68-B, 18 ft., from Morrow & Beach, Yazoo City, $44,976. Noted July 2.

La., Shreveport — Paving Norman Ave., Wyandotte and Laurel Sts., from Southern Roads Co., 104 North 17th St., Birmingham, Ala., $27,493. Engrs. est. $30,000.

O., Cincinnati—Director Pub. Service, granite block paving, etc., 7,000 sq.yd. Carr St., from Foley Constr. Co., Boudinot Ave., $81,280, engrs. est. $95,556; 8th St., from Byrnes Conway Co., Jazen Bldg., $80,380, engrs. est. $90,593. Noted July 2.

Michigan—State Hy. Dept., Lansing, surfacing 2.257 mi. Federal Aid Project 203 A, Van Buren Co., and 2.286 mi. Trunk Line Rd. 13-10C, St. Joseph Co., from H. C. Nelson, Muskegon, $49,625 and $57,724 respectively

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, July 6, from Casey Constr. Co., Casey, concrete surfacing 6.63 mi. Route 2, Sect. 53, De Witt Co., $122,053 1½% deduction for personal bond, from J. L. Wells Co., Rock Island, 1.03 mi. Route 31, Sect. 16-A, Fulton Co., $20,000 1% deduction for personal bond; from J. H. Goodelink, Lawrenceville, 34,364 ft. guard fence on Routes 1 and 12, Sects. 16-G and 9-G, Lawrence and Clay Counties, alternate A, (wooden posts, 2 x 6 and 4 x 4 rails) $12,700, from Morris & Daugherty, 514 Globe Bldg., St. Paul, Minn., alternate C, (wooden posts and wire cable) $13,731, alternate B, (wooden posts and 3 x 6 rails) $14,075, alternate D-1, (wooden posts and galvanized wire mesh galvanized before weaving) $20,254, from F. D. Anderson, Beecher City, alternate D-2, (wooden posts and wire mesh, galvanized after weaving) $19,567. Noted July 2.

Wis., Milwaukee—Bd. Pub. Wks., July 20, concrete paving 3 alleys, from P. Hilderbrand, 1042 23d Ave., $25,306; one alley each, from C. H. Slattery, 584-71st Ave. $3,365, from A. E. Retzlaff, 868 Island Ave., $1,364; resurfacing Teutania Ave. from Ring to Nash Sts., from Badger Constr. Co., 97 Wisconsin St., asphalt, $16,598; Montana St. from 4th to 8th Aves., from R. H. Gumz, 831-13th Ave., one course concrete, $18,936, from W. H. Hunt, 405 Bway., vibrolithic concrete, $18,182. Noted July 16.

Ia., Sioux City—City, improving 22.973 sq.yd. West Riverside Ave., from Western Asphalt Paving Corp., 1st and Nebraska Sts., 7 in. rein.-con. with 9 in. asphalt at sides at $2.11 per sq.yd. 7 in. and 9 in. rein.-forced vibrolithic at $2.38 per sq.yd. Noted June 11.

Ark., Little Rock—City, grading, curbing and hardsurfacing various streets in Paving Dist. 413, from G. Garms, 429 Scuthern Trust Bldg., 6 in. concrete $21,205, 6 in. concrete and combination curbing $22,241. Noted July 9.

Tex., Anson—Jones Co., July 17, grading, etc., 17.8 mi. State Highway 93, State Aid Project 606, incl. 45,777 lb. reinforcing, etc., and 15.27 mi. State Highway 18, Federal Aid Project 477-C, incl. 136,616 lb. reinforcing, etc., from Thomas & Ratliff, Rogers, $36,088 and $53,397 respectively. Engrs. est. $45,927 and $72,960 respectively. Noted July 9.

Texas, Cleburne—Johnson Co., July 17, 1 in inverted penetration bituminous on water binding surfacing 158,467 sq.yd. State Highway 2, Federal Aid Project 20-B, and 115,866 sq.yd. State Highway 2-E, Federal Aid Project 330, from Fuller Constr. Co., Western Indemnity Bldg., Dallas, $76,233, and $60,198 respectively. Engrs. ests. $95,000 and $76,088 respectively. Noted July 9.

Tex., Gonzales — Gonzales Co. July 14, clearing, grubbing, grading, bridging, etc. 8.08 mi. State Highway 8, Federal Aid Project 440-D, 26 ft., 24,955 lb. reinforcing, etc., from J. W. Goodrum, Sequin, $21,998, engrs. est. $28,560, 10.88 mi. State Highway 81, Federal Aid Project 440-E, 26 ft., 143,440 lb. reinforcing, etc., from W. E. Sanders, Hallettsville, $63,453, engrs. est. $78,088. Noted July 2.

Tex., Houston—City, surfacing Calumet Dr. from Chenervert St. to Riverside Terrace, from Gulf Bitulithic Co., 801 Bankers Mortgage Bldg., Houston, $27,016.

Okla., Moldenville—Grading and concrete paving 9,200 sq.yd. South Echo St., from Dougherty, Nicholas, Wiggins, Manhattan Bldg., Muskogee, $28,142. Engrs. est. $30,000.

Colo., Denver—Dept. Impvts. & Parks, grading, curbing and surfacing 1.25 mi. South Denver Impvt. Dist. 19, from W. F. Pigg & Son, Tramway Bldg., $145,074. Engrs. est. $206,095. Noted July 9.

Colo., Denver—Dept. Impvts. & Parks, July 16, grading, curbing and surfacing 79,000 sq.yd. South Denver Impvt. Dist. 20, from Lawrence Constr. Co., 1041 Galapago St., $126,557. Engrs. est. $169,467. Noted July 9.

California — State Hy. Comn., Sacramento, July 20, grading and surfacing 25.7 mi. road from Victorville to Hicks, San Bernardino Co., from H. G. Fenton, Dewey St., San Diego, $156,196. Engrs. est. $153,215. Noted July 9.

Calif., Glendale—From B. R. Ford, 407 West 17th St., Santa Ana, improving San Fernando Rd., etc. 1,468,976 sq.ft. grading at $0.02 per sq.ft., 1,259,520 sq.ft. 8 in. concrete paving at $0.203 etc., total approximately $333,500. Noted July 16.

Calif., Long Beach—Curbing, guttering and paving West Anaheim St., from Wells & Bressler, 3 California Bldg., Santa Ana, $133,312, engrs. est. $133,000; curbing, guttering, sidewalks and paving Atlantic Ave., from Griffith Co., 502 Los Angeles Ry. Bldg., Los Angeles, $117,414 engrs. est. $116,000; curbing, sidewalks, and paving Cerritas Ave., from H. T. Brown, 54 South Bennet St., $2,769, engrs. est. $2,600. Noted July 30.

Calif., Los Angeles — Grading, curbing, guttering and 43,252 sq.ft. asphaltic concrete paving Laural Canon Rd., from R. A. Wattson, 1026 McCadden Pl., $18,293. Engrs. est. $19,128.

Calif., Los Angeles — Los Angeles Co., curbing, guttering, sidewalks and concrete paving 1,000 ft. Hammel St., also Co. Impvt. Dist. 103, from G. D. Nichols, P. O. Box 572, Inglewood, $4,416 and $18,255 respectively.

Calif., Los Angeles — Grading, curbing, guttering, sidewalks, and 4 in. concrete paving 83,386 sq.ft. Griffin Ave., from Hall Johnson Co., 3025 Fowler St., $34,507; grading sidewalks and 6 in. concrete paving 155,473 sq.ft. Utah Ave., from Baker & Vigus, 583 I. W. Hellman Bldg., $48,172; grading, sidewalks, and 5 in. concrete paving 400,065 ft. Van Ness Ave., from Warren Constr. Co., Citizens Natl. Bank Bldg., $16,816.

Calif., Oakland—Supervs. Alameda Co., July 20, 2 in. on 4 in. asphaltic concrete paving 5 mi. road from Sunol to Pleasanton, from Northern Paving Co., Richmond, $156,621; 1½ in. Willite on 3½ in. asphaltic concrete paving above road from A. J. Crocker Co., 58 2nd St., San Francisco, $160,319.

Calif., Redwood City—San Mateo Co., from Union Paving Co., Call Bldg., San Francisco, improving Wallbridge St., San Bruno Ave., etc. (Dimond Shore Tract), 9,500 cu.yd. grading at $0.85 per cu.yd., 9,560 ft. concrete curbing and guttering $0.85, 590 ft. armored curb $0.85, 216,900 sq.ft. 2 in. Durite asphaltic concrete on 6 in. waterbound macadam paving $0.85, total approximately $68,715. Noted July 2.

Streets and Roads (Continued)

Calif., Santa Monica—From Kneen Paving Co., 216 Dudley Blk., improving about 13 streets in Fairview Heights Dist., 20,152 ft. curbing at $0.50 per ft., 294,546 sq. ft. Warrenite bitulithic paving $0.19, 62,438 sq.ft. 4 in. concrete base $0.22, 697,040 sq. ft. oil and rock paving $0.78., etc., total $270,926.

Calif., Southgate — From G. R. Curtis Paving Co., 2440 East 26th St., Los Angeles, improving California Ave., 221,490 sq. ft excav. at $0.02 per sq.ft., 1,553 lin.ft. curbing $0.45, 1,206 ft. guttering $0.20, 4,960 ft. sidewalk $0.15, 206,660 sq.ft. 3½ in asphaltic concrete paving $0.177, total $47,490.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, bituminous concrete surfacing 5,700 ft. highway in East Bridgewater, to D. J. Roach, East Bridgewater, $28,045, 3,505 ft. highway in West Bridgewater, to M. F. Roach, 35 Spring St., East Bridgewater, $22,377, 14,204 ft. highway in Sandwich, to S. W. Lawrence, Falmouth, $53,223; and gravel and bituminous surfacing 1,250 ft. highway in Medfield, to J. Morrell, 28 Main St., North Attleboro, $4,991. Grand total $108,636. Noted July 30.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 34,300 ft. highway in Cummington and 17,741 ft. highway in Sturbridge, to Lane Constr. Corp., Meridan, Conn., $134,887 and $121,676 respectively, 5,500 ft. highway in West Springfield, to Adams & Ruxton Constr. Co., 387 Main St., Springfield, $71,791, 7,000 ft. highway in Lunenburg, to J. E. Watkins, 10 Fern Ave., Amesbury, $40,663, 10,900 ft. highway in Dover, Walpole and Westwood, to McCabe & Giovanninni, 20 Central St., Boston, $66,701 and hard pan surfacing 3,400 ft. highway in Savoy, to D. S. McGrath Inc., Adams, $20,947. Noted July 23.

Mass., Boston—Dept. Pub. Wks., recut granite block paving Warren St. from Washington to Dale Sts., to J. A. Singerella, 110 High St., $51,720. Noted July 23.

Mass., Holyoke—Bd. Pub. Wks., City Hall, deck steel girder bridge across second level canal on Sargeant St., to P. J. Kennedy, Inc., Holyoke, $25,920. Noted July 23.

N. Y., Lackawanna—Concrete paving Gates Ave., to T. J. McDermott, 123 Ryan St., $52,742.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., grading and stone filled asphalt paving Riverside Dr., to Brusstar Constr. Co., Harlem River and 150th St., $43,754; sheet asphalt repaving Columbus Circle, to Sicilian Asphalt Paving Co., 41 Park Row, $109,536. Noted July 23.

N. J., Highland Park—Boro Council concrete paving 14,713 sq.yd. Dennison, North 5th, Felton, Harper, 1st and Magnolia Sts., to Utility Constr. Co., 5 Spring St., $60,047. Noted July 16.

N. J., Mays Landing—Freeholders Atlantic Co., 2 mi. Dorset Blvd. between Chelsea Heights and Ventnor Heights, to Eastern Eng. Co., Atlantic City, $99,055.

Pennsylvania — Dept. Hys., Harrisburg, **(R. means Route and A. Application)**, bit.-con. paving 2,412 sq.yd. R. 281, Bucks Co., to Haydock-Martin Co., Inc., Germantown Ave. and Durham St., Phila., $22,298, 32,746 ft. R. 189, Sect. 3, Armstrong-Indiana Counties, to M. Bennett & Sons, Indiana, $294,541, 15,630 ft. R. 53, Sect. 1, Blair-Cambria Co., to A. W. Hinaman, Somerset, $134,480, 18,200 ft. R. 142, Sect. 2, Chester Co., to Juniata Co., 410 Empire Bldg., Phila., $145,359; bituminous macadam on broken stone paving 8,349 ft. A. 2828, Carbon Twp., Huntington Co., to W. C. Guncheon & Co., Masonic Temple, Harrisburg, $70,753. Grand total $667,461. Noted July 18.

Pa., Phila.—Bureau of Highways & Dept. Pub. Wks., Dewees Bros., 5th and Fisher Sts., grading portions of Bingham, Ferndale, Lawndale and Palmetto Sts., Stanwood St. from Rising Sun to Tabor Sts. and Stanwood St. from Halstead "F" to Verree Sts. $8,953, Ditman, Torresdale, Convent, Eden, Filter and Primrose Sts. $13,809, to R. B. Wenner, 2313 Walnut St., Fuller and Pavonia Sts. $3,570, to Garlick Bros., 2948 East Venango St., Pearce St. $2,409, to Root Bros., Ridge Ave. and Righter St., west side of Wissahickon St. $3,113, to J. Devlin, Jr., Hancock and Thompson Sts., Woodland and 72nd Sts., $1,233; to Union Paving Co., 38 and Locust Sts., asphalt paving Almond and Gaul Sts., Thompson St. from Venango St., to point 322 ft. southwest, and Thompson St. from Venango to Pickwick Sts. $15,981, Sheldon St. $7,371, Wyoming St. $61,242, 62nd St. $19,097, asphalt repaving Market St. from point east of bridge over Baltimore & Ohio R.R. tracks to west side of bridge over Schuylkill River $15,304, Warnock St. $8,087, furnishing asphalt paving mixtures $25,950; to Eastern Asphalt Co., Pennsylvania Bldg., asphalt paving Brill St. $14,526, Lawrence St. $6,995, and Valetta St. $2,895, to Barber Asphalt Co., 239 North 30th St., Cloud St. $4,000, Gerry St. $3,345, Hartel St. $7,836, 18th St. $8,794, 58th St., $19,097, to J. McCridden, Real Estate Trust Bldg., improving Hermit and Rector Sts., $3,956; to Municipal Paving Co., 702 Catherine St., redressed granite block repaving Brown St. $24,660, Race St. $51,698, 3rd St. $27,169, track area of 10th St. $2,049, and to United Paving Co., Real Estate Trust Bldg., 19th St. $25,041. Grand total $369,796. Noted July 16.

Ala., Birmingham—To Dunn Constr. Co., Lincoln Life Bldg., grading and asphalt surfacing 12 blocks 35th Ave. N., 40 ft., $40,837, engrs. est. $45,000 to H. N. Bowdry, 3426 Norwood Blvd., 6 blocks Martin Ave., Aves. D and N, 45th and Ensley Sts. 30 and 40 ft., $17,401, engrs. est. $17,500, 4 blocks Huntsville Rd., 30 ft., $21,291, engrs. est. $21,300, and 3 blocks 16th Pl. S. W., $20,232, engrs. est. $25,000; to J. M. Jones & J. Christie, 1310 Glenn Ave., grading, curbing and concrete surfacing 1 block 45th St., 40 ft., $13,000, engrs. est. $13,000. Noted June 25.

Miss., Calhoun City—Calhoun Co. surfacing 24 mi. highway east and west, to Little & Dean, Memphis, Tenn. Engrs. est. $69,700.

Miss., Jackson—Hinds Co., to Horey & Gordon, Jackson, improving 10 mi. Federal Aid Project 82-A, Sects. 1 and 2, $46,366 and $69,508 respectively, 4.6 mi. Federal Aid Project 79-A, $68,233.

Miss., Jackson—City, 2 in. Warrenite on 6 in. concrete surfacing 27,000 sq.yd. South President, Mississippi, Manship, Yazoo, Wells, Ewing, George and Barksdale Sts., and 53,000 sq.yd. Roach, Amite, Fortification, Mill, Monument, Central, Roseneath, Pascagoula, and North Parish Sts., to Dunn Constr. Co., at $2.68 per sq.yd.

Miss., Mendenhall—Simpson Co., gravel surfacing 11.4 mi. Magee-Mount Zion Rd. and Magee-Pinola Rd., Western Road Dist. 2, to Herington & Pennington, Oakvale, $8,516 and $12,011 respectively. Noted May 28.

Miss., Pittsboro—Bd. Supervs. Calhoun Co. 38,779 cu.yd. gravel one mi. haul, 280,420 units gravel ½ mi. overhaul, 8,690 cu. yd. gravel, one mi. haul 16,675 units gravel ½ mi. ½ mi. overhaul, to Little & Dean, Memphis, $69,701, 46,275 ton gravel to Tombighee Gravel Co., Columbia, Miss. f.o.b. Vardaman and Hollis $1.13 and at Denna and Calhoun City $1.21. Noted June 25.

Louisiana—State Hy. Comn., Reymond Bldg., Baton Rouge, graveling 12.27 mi. Texas-Mansfield Highway, DeSoto Parish, to Alexandria Constr. Co., Alexandria, $73,116, 11 mi. Minden-Springhill Highway, Webster Parish, to W. D. Harvey & Co., Jonesboro, $52,978, 6.73 mi. Federal Aid Project 152 C, to B. Latimer, Garrison, Tex., $52,086.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, constructing 3.24 mi. Campi-Goldonna Highway, to F. D. Harvey & Co., Jonesboro, $15,000, 2.62 mi. Natchitoches-Boyce Highway and 4.72 mi. Robeline-Cypress Highway incl. 200 ft. creosoted bridge, to Red River Constr. Co., Shreveport, $36,846. Noted July 9.

La., New Orleans—O. Katz, pres. Jefferson Parish Drainage Bd., plans draining 25,000 acres. Four pumping stations, to A. M. Lockett & Co., New Orleans.

La., Oakdale—Police Jury Allen Parish, graveling 11½ mi. road in 4th Ward, to Byrd & Clopton, Monroe, $39,912, bridge work, to J. A. Hanchey c/o Police Jury, $20,802.

La., Shreveport—Curbing and guttering 8,380 ft. Queens Highway and Kings Highway, to M. A. Turk Constr. Co., Ardis Bldg., $6,127; asphaltic concrete paving Norma Ave. etc. to Southern Roads Co., North 17th St., Birmingham, Ala. $27,493.

Tenn., Dyersburg—Dyer Co. cement asphalt surfacing 19,000 sq.yd. Churchton Rd., to Aldrich Paving Co., Dyersburg, $45,000.

O., Akron — Summit Co. grading and traffic bound slag paving, etc., 4.26 mi. Comet Rd., to Gray & Quillen, Millersburg, $40,917, engrs. est. $45,500; grading, curbing and vitr. brick paving 5,800 sq.yd. Richfield-Hudson Rd., to A. F. Wible, 789 Chalker St., Akron, $92,055, engrs. est. $111,000. Noted July 30.

O., Akron—Comrs. Summit Co., **(e. e. means engrs. est.)** grading, curbing, sidewalks and vitr. brick paving 4,500 sq.yd. Noah Ave. and 5,000 sq.yd. Noble Ave., to T. E. McShaffrey Constr. Co., 173 South Forge St., $29,999 and $31,927 respectively, e. e. $41,000 and $44,000 respectively, 7,550 sq.yd. Dayton St., to McCourt Constr. Co., 365 South Main St., $40,139 e.e. $57,000, 900 sq.yd. Clay Dr., and 900 sq.yd. Getz St., to Holinger & Davidson, 435 South Bway., $4,133 and $6,567 respectively, e.e. $6,200 and $7,450 respectively; grading, laying sidewalks and cindering 800 cu.yd. Baird St., to Guran and B rancich, 42 Matthews St., $9,650, e.e. $12,000. Grand total $122,415. Noted July 2.

O., Akron—Comrs. Summit Co., grading and waterbound macadam paving, etc., 14,200 sq.yd. Swartz-Corner-Turkey Foot Lake Rd., and 21,600 sq.yd. Rex-Hill-New Portage Uniontown Rd to D. Davidson, 435 South Bway., $27,197 and $40,389 respectively, engrs. est. $30,000 and $45,000 respectively; grading, paving and sheet asphalt paving, etc. 11,126 sq.yd. Akron-Barberton Rd. (High St. Barberton), to Thorpe Constr. Co., 3,280 Scranton Rd., Cleveland, $42,015, engrs. est. $40,000. Grand total $109,601. Noted July 9.

O., Canton — Asphalt paving Hartford Ave. N. E. & S. E., brick paving Lafayette Ave., to Garaux Bros., 415 Ninth St., S. W., $37,945 and $25,335 respectively, engrs. est. $40,000 and $30,000 respectively; asphalt paving Carnahan Ave. N. E., to H. Corl, 809 7th St. N. W., $30,969, engrs. est. $30,000; brick paving Walnut Ave. & 13th St. N. E., to Canton Sand & Gravel Co., 1200 Clarendon Ave. S. W. $26,926, engrs. est. $34,000. Noted June 11.

O., Cleveland — Curbing, guttering and vitr. brick paving 30,340 sq.yd. Cedar Rd. 4, to H. Herring, Wayside Rd., $207,045, engrs. est. $233,500; 9,900 sq.yd. West Lake Rd., to Ohio Eng. Co., Lorain, $66,737, engrs. est. $72,300.

O., Cleveland—Sheet asphalt paving Forest Court and East 43rd St., to Enterprise Paving & Constr. Co., 8444 Bway., $3,272 and $24,239 respectively; curbing, guttering and vitr. brick paving West 80th and West 99th Sts., to Baldwin Bros., 4500 Euclid Ave., $33,736 and $4,545 respectively, West 155th St., to W. E. McHugh, West 73rd St. and Wheeling & Lake Erie R.R. $6,012; West 158th St. to Fischer & Williams, Wayside Rd., $55,195; grading, curbing, guttering, sheet asphalt and vitr. brick paving Greenwood Ave. to Cleveland Trinidad Paving Co., The Arcade $11,164; West 136th St., to Roehl Bros., 7002 Denison Ave. $17,111; Lucknow Ave., to Gould & Maybach, 16,311 Saranec Rd. $29,305; Mapleside and Methyl Aves., to Riley Bros., The Arcade, $22,248. Grand total $206,827. Noted July 2.

O., Cleveland — Sheet asphalt paving, etc., 23,200 sq.yd. West 105th and 106th Sts., to Roehl Bros., 7002 Denison Ave., $165,613; 6,300 sq.yd. East 143rd St., to Garland Bros., 3748 East 91st St., $35,011; 27,220 sq.yd. East 129th, 144th and 146th Sts., to Highway Constr. Co., West 112th St., $57,492, $70,182, $41,427 respectively. Grand total $369,725. Noted July 2.

O., Cleveland — Grading, curbing and sheet asphalt paving 45,400 sq.yd. Bliss Rd., to Cleveland Trinidad Paving Co., The Arcade, $263,080. Noted July 23.

O., Columbus — W. H. Duffy, dir. Pub. Serv., asphalt paving 1,049 ft. Girard Ave. and 421 ft. Johnson Ave., to Knight & Wells, 483 Oak St., $13,380 and $10,871 respectively; concrete paving 881 ft. alley north Patterson Ave., and 341 ft. alley north Wyandotte Ave., to Federal Paving Co., 996 McAllister Ave., $4,528 and $1,778 respectively; asphalt paving 497 ft. Oakland Ave., to R. J. Dienst, 480 South 5th St., $7,760; 212 ft. Ellsworth Ave., to Franklin Paving Co., 209 South High St., $3,514. Grand total $34,071. Noted July 9.

O., Dayton—Montgomery Co., brick paving on concrete base Wayne Ave., from Dayton Corp. Line to Smithville Rd., to C. C. Adams, 425 Kenwood Ave., $59,800, engrs. est. $75,000.

O., East Liverpool—Service Div., sheet asphalt paving 5,690 sq.yds. 2d St., 4,577 sq. yds. Millbury St., to Ohio Willite Paving Co., $26,407 and $25,084 respectively, engrs. est. $28,000 and $29,618 respectively. Noted July 23.

Indiana—State Hy. Dept., Indianapolis, **(F. A. means Federal Aid and e. e. engrs. est.)**, concrete paving 4.036 mi. F. A. Rd. 22, Sect E, Morgan Co., to Cunningham Constr. Co., Guaranty Bldg., Indianapolis, $87,862 e. e. $102,812; 6.84 mi. F. A. Rd. 81, Sect. C, Johnson Co., to D. A. Y. Constr. Co., Franklin, $131,832 e. e. $143,953; 10.26 mi. F. A. Rd 98, Sect B, Huntington and Whitely Counties, to Seaman Constr. Co., Goshen, $223,851 e. e. $256,956; 1.426 mi. F. A. Rd. 16, Sect. M, Lawrence Co., to W. J. Nees Co., 116 Lincoln Way W., Mishawaka, $25,943 e. e. $27,121. Grand total $469,488. Noted July 30.

Streets and Roads (Continued)

Ind., Evansville—Vanderburgh Co. concrete paving 1.5 mi. St. Joseph Ave. Rd., 18 ft., to H. Schaefer, 1107 East Nevada St., $26,500. Engrs. est. $34,700. Noted July 30.

Ind., Indianapolis — Asphaltic concrete paving 2 mi. College Ave., 30 ft., to Union Asphalt Co., Lemcke Bldg., $72,579. Engrs. est. $86,000.

Michigan — State Hy. Dept., at office Comrs. Luce Co., Newberry, paving 1.887 mi. Trunk Line Rd. 25-4, A and B, to McDonald Lumber Co., Green Bay, Wis. $69,-065. Noted May 28.

Michigan — State Hy. Dept. at office Comrs. Barry Co., Hastings, concrete paving 1.263 mi. Trunk Lines Rd. 79-3A, to A. E. Greene, 47 Union Ave., Grand Rapids, $34,031. Noted July 2.

Michigan — State Hy. Dept., at office Comrs. Van Buren Co., Paw Paw, concrete paving 2.257 mi. Federal Aid Rd. 203A, to H. C. Nelson, Muskegon, $49,625. Noted July 16.

Michigan — State Hy. Dept., at office Comrs. St. Joseph Co., Centerville, concrete paving 2.286 mi. Trunk Line Rd. 13-10C, to H. C. Nelson, Muskegon, $57,724.

Michigan—State Hy. Dept., office Comrs. Huron Co., Bad Axe, concrete paving 1.248 mi. Trunk Line Rd. 31-16 to Murray & Fremont, Bad Axe, $34,899; 0.948 mi. Trunk Line Rd. 31-15 to R. Miller & Co., Bay City, $25,652.

Michigan — State Hy. Dept. at office Comrs. Lenawee Co., Adrian, waterbound macadam paving 3.054 mi. Assessment Dist. Rd. 30, to J. A. Elder, Bryan, O., $37,168.

Mich., Grand Rapids—Kent Co., graveling Lowell-Mosely Rd., to Allen & Farrier, Ovid, $37,746. Noted July 9.

Mich., Monroe—Two course waterbound macadam paving 3 mi. Town Line Rd., and 5.7 mi. Heiss Rd., to Edwards Constr. Co., Saginaw, $52,703 and $95,778 respectively.

Mich., Saginaw—Graveling 3 mi. Asessment Dist. Rd. 95, to T. McNally, Saginaw, $25,899.

Illinois—Dept. Pub. Wks. & Bldgs., Div. Highways, Springfield, concrete surfacing 11.1 mi. Route 4, Sect. 430, Du Page and Cook Counties, to R. F. Conway, 844 Rush St., Chicago, $292,382, 0.34 mi. Route 1, Sect. 7-X, Edwards Co., to R. A. Baum, Paris, $10,258, 6.11 mi. Route 3, Sect. 1, Morgan Co., to J. W. Etchison Co., Casey, $116,681, 5.18 mi. Route 3, Sect. 2, Cass and Morgan Counties, to Divine Constr. Co., Papineau, $99,619, 20 mi. Route 18, Sect. 15-X, De Kalb Co., to Trompeter & Sons, Peru, $4,434, 0.23 mi. Route 21, Sect. 6, Lake Co., to Darrow & Barron, Waukegan, $7,163; grading 0.39 mi. Route 12, Sect. 1-A, Lawrence Co., to W. T. Bland, Effingham, $16,642, 0.76 mi. Route 9, Sect. 30-A, Hancock Co., to Cameron & Joyce Steam Shovel Co., Keokuk, Ia., $16,131, 8.61 mi. Route 31, Sect. 18-A, Fulton Co., to E. P. Olson, $92,883, 0.49 mi. Route 13, Sect. 12-D, Jackson Co. to Hamilton-Hoffman Constr. Co., Carbondale. $12,663; widening Route 8, Sect 46-W, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia., $18,811, Route 30, Sect. 6-W, to H. A. Raschke Constr. Co., Geneseo, $13,090. Grand total $700,757. Noted May 28 and June 18.

Ill., Batavia—Grading, curbing and rein.-con. surfacing 18,217 sq.yd. Washington Ave., etc., to Gund-Graham Co., Crum and Foster Bldg., Freeport, $56,690. Noted July 9.

Ill., Belleville—To Hoeffkin Bros. Constr. Co., curbing, concrete surfacing, etc., 6,144 cu.yd. 36th St. $21,913, 4,900 sq.yd. 37th St. $14,028, and 5,825 sq.yd. 38th St. $18,658. Grand total $54,599.

Ill., Libertyville—Grading and 6 in. concrete paving, etc., 8,250 sq.yd. Johnson and Cooke Aves., to J. Cope & Sons, Racine, Wis., $28,000.

Ill., Morton—Bd. Local Impvts., grading, curbing and concrete surfacing 5,968 sq.yd. Church St., to Jansen & Schaeffer, 212 North Capitol St., Pekin, $19,665; water supply main extensions, to C. K. Ladd & Co., 114 West 10th St., Kansas City, Mo., $8,318.

Wisconsin—Office 4, Citizens Natl. Bank Bldg., Wisconsin Rapids, **(F. A. P. means Federal Aid Project)**, to Tilseth & Ofstie, Menomonie, constructing 0.82 mi. Stinson Hill Rd., F. A. P. 351-A, Green Lake Co., clearing 1 acre at $10 per acre, grubbing 1 acre $20, 16,126 cu. yd. earth excav. $0.42, 7,855 cu.yd. solid rock excav. $1.40, 2,610 cu.yd. gravel surfacing, etc., $1.85, total $27,397, gravel surfacing 2.59 mi. F. A. P. 394-C $9,756, 3.73 mi. F. A. P. 279 $8,099, 2.77 mi. F. A. P. 131 $9,255; to F. Bossert, Wisconsin Rapids, gravel surfacing 3.5 mi. F. A. P. 182, $9,945, all foregoing projects in Adams Co. Grand total $56,452. Noted July 16.

Wis., Milwaukee—Dept. Pub. Wks., asphalt surfacing Jackson St. from Oneida St. to Ogden Ave., to White Constr. Co., 68 Wisconsin St., $24,772; Cedar St. from 13th to 18th Sts., and Cedar St. from 18th to 24th Sts., to Badger Constr. Co., 97 Wisconsin St., $9,444 and $16,504 respectively. Grand total $50,720. Noted July 23.

Wis., Milwaukee—Dept. Pub. Wks., cement sidewalks on 55th St. between Vliet St. and Cold Spring Ave., to Kroening Constr. Co., 39th Ave. and Mitchell St., $2,450, to A. E. Retzlaff, 868 Island Ave., $2,450, Rhode Island Ave., to Czerwinski Constr. Co., 765 Natl. Ave., $740; asphalt resurfacing Newberry Blvd. between Downer and Oakland Aves., to White Constr. Co., 68 Wisconsin St., $55,633; concrete paving 1 alley each, to N. Harris, 417 Juneau Pl., $571, and to R. H. Gumz, 831 15th Ave., $20,839, two alleys, Schwerm Bros., 50 Lee St., $10,508. Noted July 16.

Wis., Milwaukee—Dept. Pub. Wks., paving 4 alleys, to C. H. Slattery, 584 71st Ave., $15,005; one alley each, to Parkinson Constr. Co., 322 27th St. $4,045, to Bodemann Constr. Co., 691 48th St. $3,840, to Bluhm & Son, 1298 Achilles Pl., $11,968. Grand total $36,198.

Wis., Racine—Bd. Pub. Wks., concrete paving, etc. various streets to Western Improvement Co., 840-9th St., $112,653. Noted July 16.

Ia., Sioux City—To Booth & Olson, 120 Virginia St., Sioux City, improving St. Marys, Clinton and Perry Sts., 9,305 sq.yd. 6 in. concrete at $2.08 per sq.yd., and 4,028 ft. curbing $0.28; to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, Pearl St., 2,515 sq.yd. 6 in. concrete at $2.12 and 1,000 ft. curbing at $0.28.

Ia., Allison—See "Streets and Roads."

North Dakota — State Hy. Dept., and Comrs. Burleigh Co., Bismarck, earth and gravel surfacing 5.581 mi. Federal Aid Project 174A, Red Trail east of Bismarck to Stanley Bros., St. Cloud, Minn., $28,923, grading and clay surfacing 12.236 mi. Federal Aid Project 282A, state highway south of Sterling to R. S. Burnstad, Burnstad, $34,877. Noted July 2.

N. D., Grand Forks—City, grading and concrete paving about 11,318 sq.yd various streets to Northern Constr. Co., 9 North 8th St. $39,228. Noted June 18.

Mo., Cape Girardeau—A. H. Behrens, city clk., to W. P. McGeorge & Co., Pine Bluff, Ark., grading, curbing and concrete paving approximately 7,000 sq.yd. West Bway. $29,525, Fountain St. $3,183, North Pacific St. $3,190; to F. W. Keller, Jefferson Ave., North Sprigg St. from Pearl to old city limits, $9,623. Grand total $45,-521. Noted July 9.

Mo., Neosho—D. Lewis, city clk., improving Main, Wood, Spring and Washington Sts., etc., 2,600 cu.yd. excav., 9,600 sq.yd. 7 in. concrete paving, etc., to H. Kost, Neosho, $23,812. Noted July 16.

Mo., St. Louis—Grading, asphaltic concrete paving, etc., 2,500 ft. Woodland Park Subdivision (Lisette Ave.), also 12- to 24-in. sanitary sewers, to W. H. Smith-Nelson Cunliffe Co., 110 North 7th St. Engrs. est. $26,000.

Mo., St. Louis—Bd. Pub. Serv., to Blackburn-Constr. Co. Chouteau Trust Bldg., Kentucky rock asphalt paving 1,950 sq.yd. Alcott St. $11,650, brick paving 1,840 sq. yd. Lexington Ave. $11,552, granite block paving 4,855 sq.yd Mississippi St., $39,309; to Bridges Asphalt Paving Co., Buder Bldg., Warrenite paving 2,965 sq.yd. Eiler St. $22,-882, 5,275 sq.yd. Milentz St. $24,190 to Granite Bituminous Paving Co., Exch. Bldg., 820 sq.yd. Emerson St., $14,225; to Webb-Boone Paving Co., 5103 Fyler Ave., 3,110 sq.yd. ise St. $14,068, Kentucky rock paving, 2,615 sq.yd. Magnolia St. $11,-068, Willite paving 26,500 sq.yd Magnolia St., $143,711; to Brighton Constr. Co., Josephine Bldg., East St. Louis, Ill., asphalt paving 3,240 sq.yd. Mississippi St. $25,739, asphaltic concrete paving 1,855 sq.yd. Missouri Ave. $9,101; 3,295 sq.yd. Waldemar St., $14,216; and to Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., Willite paving 12,180 sq.yd. Euclid Ave., $57,952. Grand

Mo., Sedalia—Concrete paving 3,800 sq. yd. 5th St. and 500 yd. Park St., to Bertman & Menefee, Sedalia, $1.90 each per sq. yd.; 12,500 yd. Carr St., to F. T. Fleming, Sedalia, $1.795.

Mo., Sullivan—City Clerk, City Hall, approximately 18,000 sq.yd. concrete paving, etc., various streets, to H. B. Dawson, 5008 Chippewa St., St. Louis, $38,201. This corrects report in July 30 issue.

Mo., Webb City—G. W. Ball, city pres., grading and concrete paving 13,454 sq.yd. Special Rd Impvt. Dist., to Independent Constr. Co., Pittsburg, Kan., at $1.9[illegible] per sq.yd.

Ark., Arkadelphia—City, 3 in. sheet asphalt on 5 in. concrete surfacing, curbing, etc., 19,900 sq.yd. various streets in Paving Dist. 2, to Kaw Paving Co., N. E. Bldg., Topeka, Kan., $74,500.

Tex., Anderson—Grimes Co., grading, bridging, etc., 6.71 mi. State Highway 6, Federal Aid Project 471-B, to Womack Constr. Co., Sherman, approximately $8,-000.

Tex., Austin—See "Bridges."

Tex., Brownsville—City Comn., grading and retopping with hot asphalt about 40 blocks various streets, to Uvalde Co., City Natl. Bank Bldg., San Antonio, approximate[illegible] $35,000.

Tex., Gonzalas—Gonzalas Co., grading and bridging 10.88 mi. State Highway 81, Federal Aid Project 440-E, to W. E. Sanders, Hallettsville, $63,544. Noted Aug. 6.

Tex., Gonzalas — Gonzalas Co. clearing, grubbing, grading, bridging, etc., 10.88 mi. State Highway 81, Federal Aid Project 440E, 26 ft., incl. 143,440 lb. reinforcing, etc., and 8.08 mi. State Highway 8, Federal Aid Project 440D, 24,955 lb. reinforcing, etc., to J. W. Goodrum, Sequin, $66,544 and $21,998 respectively. Engrs. ests. $78,088 and $28,560 respectively.

Tex., Houston—Rock asphalt surfacing Taft St. from West Dallas to Webster Aves., to Schambaugh, 2202 Dowling St., Houston, $35,995. Engrs. est. $40,000. Noted July 23.

Tex., Jourdanton—Atascosa Co. asphalt surfacing 1.76 mi. State Highway 2, through Lytle, to Colglazier & Hoff, 922 Austin St., San Antonio, approximately $28,000.

Tex., Marshall—Paving Grand Ave. and Bishop St., to Cocke & Turner, Marshall, $25,548. Engrs. est. $27,500.

Tex., Wortham—City, 2½ in. brick surfacing 3 blocks and 2 in. asphalt surfacing 6 blocks various streets, to F. P. McElwrath, Corsicana, $55,475, Engrs. est. $60,000. Noted June 25.

Okla., Blackwell—Grading, curbing and concrete surfacing 15,430 sq.yd. and vibrolithic surfacing 16,700 sq.yd. F, C, 8th, 11th and McKinley Sts., to O. T. Tyler, 709 West Blackwell St., $129,543. Engrs. est $140,000.

Okla., Morris—Grading, curbing and concrete surfacing 18,770 sq.yd. Main and Ozark Sts., to E. H. Locker, Amer. Bank Bldg., Okmulgee, $59,780. Engrs. est. $64,-600. Noted June 18.

Okla., Okmulgee—Concrete slab surfacing 51,300 sq.yd. Okmulgee-Morris Rd., to Park & Moran, 210 South Seminole St., Okmulgee, $139,117. Engrs. est. $150,000.

Idaho — Commissioner Pub. Wks., at Court House, Boise, to Bauers & Bauers, Dayton, Ohio, improving 9.76 mi. Clarks Fork Highway, also portion of North and South Highway, Bonner Co., 471 cu.yd. solid rock excav. at $1.25 per cu.yd., 4,495 cu.yd. loose rock excav. $0.42, 67,263 cu. yd earth excav. $0.26, 25,488 cu.yd broken stone surfacing $175, 5,061 cu.yd. crushed gravel surfacing, $1.60, etc., total $104,193. Engrs. est. $132,032.

Washington—State Hy. Dept., Olympia, crushed rock surfacing 12,880 cu.yd. Davenport-Harrington Rd., State Rd. 7, Lincoln Co., to A. L. Smith, East 529 Ermina Ave., Spokane, $21,252, 2,375 cu.yd, Elbe-Morton Rd., State Rd. 5, Lewis Co., to H. W. Anderson, 311 California Bldg., Tacoma, $4,261; grading, etc., 1.26 mi. Thornton-Rosalia Rd., State Rd. 3, Whitman Co., to E. A. Webster Co., 617 Hutton Bldg., Spokane, $14,130, 0.76 mi. road from Pullman W., State Rd. 3, Whitman Co., to J. Mossuto, 402 Sheridan St., Spokane, $23,136, 2.05 mi. Barnes-Thornton Rd., State Rd. 3, Whitman Co., to H. L. Wilson, 26 Jaycox Bldg., Walla Walla, $21,354. Grand total $84,133. Noted June 25.

Calif., Los Angeles — Grading, curbing, guttering sidewalks and concrete paving Irvington Pl., to Baker & Vigus, 583 I. W. Hellman Bldg., $75,098, engrs. est. $78,849. Ave. 42, to R. A. Wattson, 1026 McCadden Pl., $57,942, engrs. est. $61,408.

Calif., Pasadena—Grading, curbing, guttering and 7 in. concrete paving Puente Dr. between Colorado and Lindo Vista Bridge, to Ducey & Breitenstein, R. F. D. Box 203, Pasadena, $27,169. Noted July 30.

Calif., San Rafael—Marin Co., grading and asphalt concrete paving, etc. roads in Dist. 12, to Pacific States Constr. Co., Call Bldg., San Francisco, $99,109. Noted June 25.

Calif., Venice—Grading and 7 in. concrete paving 114,418 sq.ft. Venice Blvd. between Electric Ave. and Lincoln Blvd., to Fry Bros. Contg. Co., 231 East 14th St., Long Beach, $39,845. Noted July 9.

Streets and Roads (Continued)

Calif., Willows—Glenn Co., 3 in. willite asphaltic concrete paving 3.07 mi. Butte City-Princeton Rd., to Christensen Constr. Co., 564 Market St., San Francisco, $45,000.

Quebec—Dept. Provincial Hy., Quebec, laying layer amnesite on 12 mi. Champlain and Ste. Marthe Rd., to Necker, Quebec, $75,000. 15 mi. road from Three Rivers to Yamachiehe to T. E. Rousseau, Quebec. $75,000; amnesite curb 17 mi. from St. Augustine to Neuville, to Lagauiere & Honde, Grondines, Engrs. est. $150,000, oiling and surfacing national road from Grand Mere to River Cache to F. Walter, Lennoxville, $120,000.

Ont., Bowmansville—Asphaltic concrete paving, etc., 17,000 sq.yd. various streets, to Johnson Bros., 43 Market St., Brantford, $41,900. Engrs. est. $55,000.

Ont., Brockville — Bituminous concrete paving 10,000 sq.yd. North Augusta Rd., to Warren Bituminous Paving Co., 54 University Ave., Toronto, $30,000. Engrs. est. $35,000.

Ont., Cannington—Waterbound macadam paving 13,500 sq.yd. various streets, to Godson Contg. Co., 203 Richmond St. W., Toronto, $37,304.

Ont., Ottawa — Asphalt paving Carling Ave. and Preston St., to Civic Wks. Dept., City Hall, $25,242 and $3,615 respectively.

Ont., Saulte Ste. Marie—R. G. Campbell, city clk., rein.-con. paving 17,000 sq.yd. Wellington St., to MacNamara Bros., Saulte Ste. Marie, $60,000. Engrs. est. $50,000. Noted July 16.

Ont., Barrie—Cement paving Station Dr., Owen, Mulcaster and Clapperton Aves., to Brennan Paving Co., Melrose Ave., Hamilton. Engrs est. $35,000.

Ont., Ingersoll — Town Clerk paving Charles and Bell Sts., to Hamilton Contg. Co., Home Bank Bldg., Hamilton; Thames St., to R. Miller & Sons, Lumsden Bldg., Toronto. Engrs. est. $35,000. Noted June 18.

Ont., Paisley — Penetration macadam paving 17,000 sq.yd. various streets, to J. McKinnon, Paisley, Engrs. est. $35,000.

Ont., Saulte Ste. Marie—Concrete paving Welland St. to McNamara Constr. Co., Saulte Ste. Marie. $60,000.

Ont., St. Catherines—Curbing, guttering and concrete paving to W. L. Malcolm Paving Co., Kingston. Engrs. est. $35,000. Noted Apr. 30.

Ont., Toronto—To Warren Bituminous Paving Co., 54 University Ave., bituminous concrete paving Craven Rd. $35,492, Edna Ave. $4,342, Garfield Ave. $5,236, Lola Rd. $5,592, Manor Rd. $5,046, and St. Clair Ave. E. $16,212. Grand total $71,920.

British Columbia — Minister Dept. Pub. Wks., Victoria, clearing, grading and macadam surfacing 6.5 mi. highway from Nelson to Kelso, to Rawlings & LaBrash, Nakusp, $84,000. Noted June 25.

Buildings—Industrial

PROPOSED WORK

Mass., Cambridge (Boston P. O.)—FACTORY—Daggett Chocolate Co., 35 Lewis Wharf, Boston, plans 2 or more story, timber factory, Ames and Main Sts., $40,000 or more. Engineer and architect not selected.

Mass., Somerville (Boston P. O.)—REPAIR and SERVICE GARAGE I. S. Stone, 53 State St., Boston having sketches made by F. A. Norcross, 46 Cornhill St., Boston, 1 story, brick, Magoun Sq. $40,000.

N. Y., Buffalo — FACTORY — Kittinger Furniture Co., 1893 Elmwood Ave., had plans prepared rein.-con. and brick factory, Elmwood Ave. $40,000. Engineer and architect not announced.

N. Y., Hudson—STORAGE—Canada Dry Ginger Ale Co., Hudson, having sketches made by Monks & Johnson, 99 Chauncey St., Boston, Mass., 1 story, 243 x 243 ft., brick and timber storage building. $150,000.

Va., South Boston—PLANT—Southside Virginia Power Co. plans the construction hydro-electric plant on Meherrin, Dan or Staunton Rivers. I. Vaughan, 240 Susque St., Phila., Pa., pres.

Ga., Macon—WOOD WORKING PLANT—Arnett Mfg. Co., plans saw mill and plant for making short bobbings. $200,000.

Ga., Warwick—POWER PLANT—Crisp Co. plans 14,000 hp. hydro electric power plant on Flint River, near here. Southern Eng. Co. Albany, Ga., engrs.

La., New Orleans—PLANT — Tropical Clothing Co., 205 Charles St., plans 3 story brick plant, Toulouse and Jefferson Pl. $125,000. Engineer and architect not selected.

O., Barberton — FACTORY — Seiberling Rubber Co. plans 1 story, 150 x 240 ft. factory addition. $200,000.

O., Cleveland — LAUNDRY — Cleveland Toilet Supply Co., R. P. Shupe, secy., 2139 East 18th St., had plans prepared by H. M. Morse, Finance Bldg., 2 story and basement, 70 x 125 ft., brick and steel laundry addition. $40,000.

O., East Youngstown—MILL—Youngstown Sheet & Tube Co., Wilson Ave., plans seamless tube mill. $2,000,000.

Mich., Detroit—ASSEMBLY PLANT—Dodge Bros., Inc., Jos Campau Ave., having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., 6 story, 100 x 462 ft., rein.-con. and brick addition.

Ill., Murphysboro—POWER PLANT—Southern Illinois Gas Co. which controls public utilities here, plans improvements and repairs to electric light plant, incl. 500 hp. boilers, 450 kw. steam turbine electric unit, transmission line, etc. $300,000.

Wis., Green Bay — STEAM POWER PLANT—Byllesby Eng. and Management Corp., 231 South La Salle Ave., Chicago, Ill., plans 2 story, brick, concrete and steel, plain foundation. $2,000,000. Private plans. Noted under Wisconsin Public Service Corp., June 4.

Wis., Lakeside (Buffalo Lake P. O.) — ELECTRIC GENERATING PLANT—Milwaukee Electric & Light Co., Pub. Serv. Bldg., Milwaukee, having plans prepared by F. Luber, c/o owner, 2 story, brick and concrete addition, plain foundation, here. J. Anderson, c/o owner, engr.

Wis., Milwaukee—PRINTING PLANT—Tharinger & Bruecker, archts., 496 Cramer St., takes bids about Aug. 10, 2 story and basement, 32 x 125 ft., brick and concrete, plain foundation, Florida St., for Milwaukee.

Minn., Duluth—SUB-STATIONS—Minnesota Power & Light Co., Duluth, C. J. Snyder, mgr., plans 4 rein.-con. sub-stations at Lakeside in East End next to present station at 15th Ave. W. and 62nd Ave. W. $300,000. Private plans.

Tex., Ballinger—PLANT—C. Gehmann, Fredericksburg, plans brick, frame, rein.-con. cement plant, here. $100,000. Private plans.

Tex., Cuero—CREAMERY—Cuero Business Interests, G. Mullem, representative, plans brick, stone and concrete dairy, here. $75,000. Engineer and architect not selected.

Tex., Nederland — ICE and ELECTRIC PLANT—Eastern Texas Electric Co. plans ice and power plant here. $40,000. Engineer and architect not selected.

Tex., Pecos—COTTON COMPRESS and FUMIGATION PLANT—B. Hester making plans rein.-con. and brick cotton compress and fumigation plant. $60,000. Private plans.

Tex., San Benito—MILL—J. Hubler and associates plan hemp mill. $100,000. Engineer and architect not selected.

Okla., Ponca City—GARAGE and FACTORY—Murdock Motor Co. plans garage and factory. $55,000. Engineer and architect not selected.

Okla., Haleyville—ICE PLANT—Southern Utilities Co., making preliminary plans distilled water type, 20 ton capacity ice plant. $40,000. S. M. Makers, Haleyville, engr.

Ore., St. Helens—PAPER MILL—Hawley Pulp & Paper Co., c/o W. P. Hawley, Oregon City, pres., plans steel and concrete, Columbia Rd. $1,000,000. Engineer and architect not selected.

Calif., Cottonwood—SUB-STATION—Pacific Gas & Electric Co., 245 Market St., San Francisco, having plans prepared rein.-con. and steel sub-station, here. $50,000 with equipment $460,000. Private plans.

Calif., Oroville—ICE PLANT—Union Ice Co., plans ice plant, High and Pine Sts. $75,000-$100,000.

Calif., San Pedro—TRANSIT SHED—City had plans prepared by Harbor Comn., for 120 x 1,000 ft., steel transit shed, 18 ft. high, at 230 A and B Sts. $263,533.

Que., Chat Falls—ZINC PLANT—J. Robertson Co., 142 William St., Montreal, soon takes bids lead and zinc plant, on Ottawa River, here. $2,000,000.

Ont., Durham—FLOUR MILLS—J. McGowan plans rebuilding mills to replace those recently destroyed by fire. $45,000.

Ont., Meaford — FACTORY — Meaford Shoe Co., W. T. Grimshaw, mgr., plans rebuilding factory, recently destroyed by fire. $50,000 loss.

BIDS DESIRED

Mass., Winchester—GARAGE and REPAIR SHOP—J. Haggerty, 736 Main St., taking bids 2 story, rein.-con. garage and repair shop. $40,000. Kennedy & Olmsted, 80 Boylston St., archts. Noted July 30.

N. Y., Raybrook—COLD STORAGE and STOREHOUSE—Aug. 10 by F. R. Utter, supt. Purchase, Albany, cold storage building, storehouse and electric elevator at State Hospital, here; adv. E. N.-R. Aug. 6.

Pa., Phila.—FACTORY—Aug. 9, by A. Freeman, archts., 29 West 34th St., New York City, 10 story and basement, 104 x 136 ft., rein.-con. and brick, plain foundation, 9th and Columbia Sts. $500,000, for Bayuk Cigar Co., 3d and Spruce Sts.

Mo., Warrensburg — COLD STORAGE PLANT—Roseland Farm & Mfg. Co. taking bids 2 story, rein.-con. and brick plant. $45,000. C. A. Smith, Finance Bldg., Kansas City, engr.

CONTRACTS AWARDED

N. H., Beebe River—FACTORY—Draper Corp., Hopedale, 2 story, 100 x 200 ft., rein.-con. and brick, to W. T. Reed Co., 200 Devonshire St., Boston. Archts. est. $175,000. Noted July 16.

Mass., Cambridge (Boston P. O.)—MANUFACTURING—Carlton Realty Co., H. L. Rinaldi, 42 Carlton St., 3 story, 40 x 105 ft., rein.-con. and brick, Carlton St., to F. V. Van Etten, 100 Boylston St., Boston. Archts. est. $50,000. Noted July 16.

Mass., New Bedford—MILL—Manomet Mills, Belleville Ave., 2 story, 120 x 520 ft., brick and steel, plain foundation, to Locke & Thomas, Inc., Olympia Bldg. Archts. est. to exceed $40,000. Noted July 16.

Mass., North Abington—ICE CREAM PLANT—Plymouth Rock Ice Cream Co., 2 story 50 x 155 ft., brick and steel, to J. J. Prindiville Co., Prindiville Bldg., Framingham. Archts. est. to exceed $40,000.

Mass., North Dighton—DYE HOUSE—Mt. Hope Finishing Co., 1 story and basement, 100 x 200 ft., concrete and brick plain foundation, to Central Eng. & Constr. Co., 210 Main St., Pawtucket. Archts. est. $40,000. Noted July 9.

Mass., Shelbourne Falls—REPAIR and SERVICE GARAGE—J. M. Blassbury, 2 story, 75 x 85 ft., brick and steel, to D. O'Connell Sons Co., 480 Hampden St., Holyoke. archts. est. $50,000.

R. I., Providence—POWER PLANT—Narragansett Electric Light Co., Eddy St., 1 and 2 story, brick power plant, pipe and boiler house, to R. H. Baker, 304 Main St., Cambridge. Archts. est. to exceed $40,000. Noted May 28.

N. Y., New York—BOILER PLANT—W. W. Mills, comr. Plants & Structures, Municipal Bldg., addition to boiler plant, for Central Motor Repair Shop and Willard Parker Hospital, 16th St. and Ave. C, to H. Borriello, Inc., 157 East 128th St., $107,142, fuel oil storage and oil burning system, to Velodrome Heating Co., 160 East 144th St., $39,000; addition of 2 new water tube boilers, to Shevlin Eng. Co., 110 West 34th St., $51,719. Noted July 23.

Pa., Phila.—MILL—Apex Hosiery Co., Lawrence and Luzerne Sts., 6 story and basement, 15 x 95 ft., rein.-con. and brick addition, 5th and Luzerne Sts., to White Constr. Co., Jefferson Bldg. Noted July 16.

Pa., Phila. — POWER HOUSE — C. A. Blatchley, archt., Drexel Bldg., 1 and 2 story, 51 x 90 ft., brick, steel and rein.-con., plain foundation, Richmond and Kennedy Sts., to Smith-Hardican Co., 1809 Callowhill St. Noted July 16.

Md., Baltimore—BAKERY—E. H. Koester, 648 West Lexington St., 2 story and basement, 85 x 130 ft., brick and steel addition, plain foundation, West Lexington St., to A. Kratz, 118 South Carrolton Ave., $85,000.

Md., Baltimore—PLANT—Pioneer Hardwood Flooring Co., Ashland Ave. and 8th St., 1 story, 120 x 245 ft., steel and hollow tile, plain foundation, Ashland Ave., to C. W. Schmidt, Hearst Tower, $50,000. Noted June 4.

Md., Hagerstown—FACTORY—M. P. Moeller Organ Wks., 3 story, 60 x 140 ft. factory, and 2 story, 40 x 80 ft. office, rein.-con. and steel, plain foundation, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, $150,000. Noted July 23.

Tenn., Chattanooga—MILL—Davenport Hosiery Co., 906 Georgia Ave., general contract 1st unit plant, to M. T. Wilson, Tennessee Power Bldg. Noted June 4.

O., Cleveland — FACTORY — Diamond Bronze Co., 5415 Brow Ave., 1 story, 60 x 125 ft., brick and steel, Sideway Ave., to Vulcan Constr. Co., 6600 Park Ave. Archts. est. $40,000.

Buildings—Industrial (Continued)

O., Cleveland—FACTORY—Surety Investing Co., 2 story and basement, 112 x 153 ft., brick and steel, 1766-80 East 22nd St., to Austin Co., 16,112 Euclid Ave. Archts. est. $100,000.

O., Cleveland—GARAGE and PRESS SHOP—Vichek Tool & Supply Co., 3000 East 86th St., 1 story 21 x 70 ft. garage and 2 story, 25 x 86 ft. press shop, brick and steel, East 86th St., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg. Archts. est. $40,000.

Wis., Milwaukee—FACTORY—E. G. Schreder Co., archts., 405 Bway., 1 story, 76 x 120 ft., brick and timber, plain foundation, 30th St., to Byrne Bros. Co., 3112 Burleigh St., for Standard Sheet Metal Wks., 1485-30th St., archts. est. $40,000. Noted Mar. 12.

Wis., Milwaukee—SERVICE—Dept. Pub. Wks., 2 story and basement, 120 x 460 ft., brick and steel, plain foundation, Canal St., to T. Stark & Co., 130 Muskego Ave., $97,500; structural steel for above project, to Milwaukee Bridge Co., 1400-34th St., $82,290.

Mo., St. Louis—LAUNDRY—Olive Wet Wash Laundry Co., 4722 Delmar Blvd., 1 story and basement, 12 x 45 ft., and 55 x 82 ft., brick and concrete, North Newstead Ave., to B. J. Schaefer, 6325 Ouida St. Archts. est. $25,000.

Wash., Seattle—FACTORY—Hofius Steel & Equipment Co., L. C. Smith Bldg., 6 story, brick, steel and concrete, to The Austin Co., 16112 Euclid Ave., Cleveland, Ohio, $50,000.

Calif., San Francisco—ASSEMBLY and REPAIR SHOP—Amer. La France Fire Engine Co., 1434 Howard St., 1 story, rein.-con. assembling and repair plant, 16th and Shotwell Sts., to J. Spargo, 460 Montgomery St., $43,500. Noted July 23.

Ont., Listowel—PLANT—City Dairy Co., Spadina Crescent, Toronto, condensed milk plant to Britnell Contg. Co., Baxter St., Toronto. Engrs. est. $50,000. Noted Apr. 23.

B. C., Powell River—PAPER MILL—Power River Co. Ltd., 2 story, 150 x 450 ft. machine room and 1 story 100 x 100 ft. seven room rein.-con., to Armstrong, Morrison & Co., 543 Granville St., Vancouver, $400,000.

Buildings—Commercial

PROPOSED WORK

Mass., Amherst—HOTEL—Amherst Inn, Building Comn. having plans prepared by Putnam & Cox, 114 State St., Boston, 3 story and basement, brick hotel. To exceed $150,000.

Mass., Boston — APARTMENT — E. N. Wyner, 18 Tremont St., having sketches made by Strickland, Blodgett & Law, 26 Pemberton Sq., Boston, 10 story and basement, 15,000 sq.ft. floor space, brick and stone, plain foundation, Newbury and Arlington Sts. $2,000,000. Noted May 21.

Mass., Boston—OUT PATIENT BUILDING—Boston Sanitarium, c/o Maginnis & Walsh, archts., 100 Boylston St., having plans prepared 5 story and basement, brick and stone, plain foundation, 57-61 Concord St. To exceed $150,000.

Mass., Cambridge (Boston P. O.)—OFFICE—Boston & Maine R.R., 321 North Station, having revised plans prepared 5 and 6 story and basement, rein.-con. and brick, Lechmere Sq. $250,000. B. W. Guppy, c/o owner, engr.

Mass., Cambridge—APARTMENT HOTEL—J. J. Shine, 1374 Masachusetts Ave., plans 6 story and basement brick apartment hotel, Garden and Berkeley Sts. $500,000. Engineer and architect not selected.

Mass., Greenfield—LODGE—Knights of Columbus, N. Lawler, Lawler Theatre, soon takes bids 7 story, 70 x 130 ft., brick and steel, Federal St., $300,000. M. R. Drew, 288 Main St., archt.

Mass., Jamaica Plain (Boston P. O.)—HOME—Home for Aged Women, W. M. Wade, 82 Devonshire St., pres. having plans prepared by Collidge, Shepley, Bulfinch & Abbott, Ames Bldg., 82 Devonshire St., 5 story and basement, 160 x 180 ft., brick, plain foundation, South Huntington Ave. and Jamaica Way. $450,000.

Mass., Quincy (Boston P. O.)—POLICE STATION—City, P. E. Barbour, mayor, having plans prepared by Clark, Batty & Gallagher, 13 Temple St., 3 story and basement, 65 x 80 ft., brick and cast stone, Canal and Sea Sts. $150,000. Noted May 7.

Mass., Roxbury (Boston P. O.) — THEATRE, STORE and OFFICE—Singer Realty Co., S. A. Singer, 84 Chauncy St., Boston, having plans prepared by F. A. Norcross, 46 Cornhill St., Boston, 2 story, 80 x 190 ft., brick, plain foundation, 119-129 Dudley St., here. $225,000.

Mass., Somerville (Boston P. O.)—HOSPITAL—Blackall & Elwell, archts., 44 Bromfield St., Boston, making sketches 2 story and basement, brick dental hospital. $150,000 or more. Owner's name withheld.

Mass., Winthrop—HOSPITAL—Community Hospital (Town of Winthrop), R. F. Whittier, pres., having plans prepared by Stevens & Lee, 45 Newbury St., Boston, brick community hospital, Lincoln St. $150,000.

R. I., Providence—OFFICE—State Building Comn., having preliminary plans prepared by Jackson, Robertson & Adams, Turks Head Bldg., 3 story brick and limestone, Main St. To exceed $150,000

Conn., Bridgeport — APARTMENT—W. T. Chatlos, Bway., Stratford, having plans prepared by J. W. Northrop, 21 State St., Bridgeport, 6 or 7 story, brick and steel, Harrison and Elm Sts. $300,000.

N. Y., Buffalo — APARTMENT — A. Weber, Marine Trust Bldg., plans apartment, Delaware Ave. To exceed $150,000. Engineer and architect not selected.

N. Y., Buffalo — ASYLUM — Buffalo Orphan Asylum, 2722 Main St., plans infant asylum, Jefferson Ave. To exceed $150,000. Engineer and architect not selected.

N. Y., Buffalo—WAREHOUSE—Fairmount Creamery Co., 172 Michigan Ave., soon takes bids 8 story, 128 x 150 ft., rein.-con., 197 Scott St. $250,000. Plummer & Mann, 700 Main St., archt.

N. Y., Cheektowaga — TOWN HALL — Town soon takes bids 3 story, 135 x 170 ft., rein.-con. and brick, Bway. $200,000. F. Spangenburg, 250 Delaware Ave., Buffalo, archt.

N. J., New Brunswick—MUNICIPAL—City having plans prepared by A. Merchant, 363 George St., and W. H. Bolan, 142 Albany St., 2 story and basement, stone and brick municipal building. $400,000.

N. Y., New York—APARTMENT—Brodsky & Klosk, c/o Springsteen & Goldhammer, archts. and engrs., 32 Union Sq., having plans prepared 5 story, brick, steel and stone, plain foundation, Castle Hill Ave. $600,000.

N. Y., New York—APARTMENT—G. Minoff, c/o C. Schaeffer, Jr., archt. and engr., 3rd Ave. and 148th St., having plans prepared 5 story, brick, steel and stone, plain foundation, Morris Ave. $400,000.

N. Y., New York—APARTMENT HOTEL—L. Gerbins, c/o Schwartz & Gross, archts. and engrs., 347 5th Ave., having plans prepared 16 story, brick, steel and stone, plain foundation, 257 West 92nd St. $1,500,000.

N. Y., New York—COURT HOUSE—City Boro Hall, having plans prepared by M. Hausler, archt. and engr., 3307 3rd Ave., 3 story, brick steel and stone, plain foundation, Williamsbridge Rd. and Roberts Ave. $350,000. Noted June 4.

N. Y., New York — GARAGE — L. J. Monet, c/o E. I. Shire, archt. and engr., 373 4th Ave., having plans prepared 3 story, rein.-con., brick, steel and stone, plain foundation, 332 East 76th St. $200,000.

N. J., Jersey City—HOSPITAL—Hudson Co. Maternity Hospital takes bids about Aug. 24, brick and steel hospital. C. Ziegler, 75 Montgomery St., archt. Noted Feb. 12.

Pa., Dormont (Pittsburgh P. O.)—BANK—Dormont Savings & Trust Co. having preliminary plans prepared by Simons, Brittain & English, Magee Bldg., Pittsburgh, probably 2 story and basement, West Liberty Ave. $150,000.

Del., Dover — STATE HOUSE — State plans 3 story, 50 x 100 ft., brick addition to State House, here. $150,000. Brown & Whiteside, Dupont Bldg., Wilmington, archts.

D. C., Wash.—BANK—Commerce & Savings Bank, 7th and E Sts., N.W. having plans prepared by Milburn, Heister & Co., Union Savings Bank Bldg., remodeling bank.

D. C., Wash.—HOTEL—Milburn, Heister & Co., archts., Union Savings Bank Bldg., preparing plans new hotel, 13th and H Sts. Owner's name withheld.

Va., Little Creek—TERMINAL—Pennsylvania R.R. Co., Broad Street Sta., Phila., Pa., plans terminal, here. $3,000,000. A. C. Shand, ch. engr.

N. C., Charlotte—OFFICE—Southern Railway, 13th and Pennsylvania Ave., Wash., D. C., plans 4 story, 100 x 150 ft. office building, at Southern Ry. Sta., here. $200,000. R. E. Simpson, Charlotte, genl. mgr.

Fla., Pensacola — APARTMENT — West Florida Development & Investment Co., P. L. Rosasco, pres., having plans prepared by W. D. Willis, Blount Bldg., 4 story apartment, West La Rua St. $250,000.

Mississippi—HOTEL—Edgewater Hotel Co., 5452 Bway., Chicago, Ill., plans new hotel on Belmar Hotel site on beach midway between Gulfport and Biloxi, basement to be used for automobile parking place. $2,000,000.

Miss., Jackson—OFFICE—Standard Oil Co. having plans prepared by W. E. Glossop, Louisville, office building, North State and Amite Sts. $200,000.

La., New Orleans—BANK and OFFICE—Canal Commercial Trust & Savings Bank, J. F. Butler, pres., having plans prepared by E. Weil, Whitney Central Bank Bldg., 18 story, 110 x 235 ft., Baronne and Common Sts. $4,000,000.

La., New Orleans — GARAGE — A. J. Gumina, Carondelet St., plans converting 4 story brick building into modern garage, Poydras and Camp Sts. Engineer and architect not selected.

La., New Orleans—OFFICE—New Orleans and Chicago Syndicate, having plans prepared by S. Scott Joy, 2001 West Pershing St., Chicago, Ill., 16 story, Baronne and Common Sts. $2,000,000.

Tenn., Memphis—OFFICE—Standard Oil Co. plans 3 story, rein.-con., on 224 x 410 ft. site, 1205 Union St. $100,000. Jones & Furbringer, Porter Bldg., archt.

Business Is Good

Reports from the brick industry are vitalizing and hopeful. All indications are that 1925 will be a new peak year for this industry in making records for brick made and sold.

The west coast lumbermen show that new business was only 4 per cent below production while shipments were 12½ per cent above the new business.

Chicago shows activity in all sections in the construction industry.

Lumber stocks in the Twin City yards, wholesale and retail, are reported a little above normal, owing to the demand made during the past thirty days.

St. Louis is experiencing an unprecedented building program. The first six months of this year gives an increase of $13,000,000 over the the same period in 1924.

Financial concerns show that existing conditions are favorable — the month of June showed fewer failures than any month of this year and its liabilities, except for March, are less than any one month since November.

Buildings—Commercial (Continued)

Tenn., Nashville—APARTMENT—J. T. Blair, 517 Commerce Sts., plans 8 story and basement apartment, 6th and Commerce Sts. $750,000.

O., Canton—HOSPITAL—Stark Co. plans 150 bed hospital, Canton-Alliance Rd. west of Harrisburg. $700,000. A. L. Thayer, New Castle, Pa., archt.

O., Cincinnati—APARTMENT—Walnut Hills Apartment Co., Provident Bank Bldg., having plans prepared by O. Schwartz, Provident Bank Bldg., 4 story and basement, rein.-con. and brick, plain foundation, Woodburn St. $200,000.

O., Cincinnati—TAILOR SHOP—H. P. Davis Tailoring Co., 8th & Sycamore Sts., having plans prepared by C. J. Kiefer, engr. and archt., Schmidt Bldg., 2 story and basement, rein.-con. and brick, plain foundation, Iowa St. $200,000.

O., Cleveland—OFFICE—Brotherhood of Locomotive Trainmen, D. B. Robertson, pres., Guardian Bldg., plans 10 story, concrete, brick and steel office building. $1,000,000. Engineer and architect not selected.

O., Columbus—STORE—F. & R. Lazarus Co., S. Lazarus, pres., 161 South High St., soon lets contract 7 story and basement, brick, steel and concrete addition, Front and Chapel Sts. $700,000. Starrett & Van Vleck, 393 7th Ave., New York City, archts.

O., Dayton—OFFICE—Herman & Brown, archts., Reibold Bldg., takes bids about Aug. 15th, 5 and 9 story, 25 x 175 ft., rein.-con., brick and steel, plain foundation, Main St., for Dayton Savings & Trust Co., North Main St., $400,000.

Ind., Indianapolis — LODGE — Supreme Lodge, Knights of Pythias, Indiana Pythian Bldg., plans 3 story and basement, 75 x 120 ft., steel and concrete, Meridian St. $500,000. McGuire & Shook, Pythian Bldg., archts.

Ill., Chicago—GARAGE—R. O. Derrick, archt., 120 Madison St., Detroit, Mich., takes bids about Aug. 10, 10 story and basement, 100 x 150 ft. rein.-con. garage, 600 car capacity, State and Kinzie Sts., for Central Chicago Garage, Inc., c/o Carson, Goldsmith & Co., 30 North La Salle St. $850,000.

Ill., Chicago—OFFICE—H. McLennan & Co., 307 North Michigan Ave., soon takes bids 10 or 12 story, 97 x 103 ft., rein.-con. Racine Ave. and 14th Pl., for Produce Exch. Building Corp. $750,000.

Ill., Chicago — THEATRE — Balaban & Katz Corp., 175 North State St., having preliminary plans prepared by Rapp & Rapp, 190 North State St., 165 x 322 ft., rein.-con. theatre, Washington Blvd., Crawford and West End Aves. $4,000,000.

Ill., Peoria—HOTEL—E. C. May and Hotel Company (now being organized), take bids 2nd week in August, 12 story and basement, 123 x 171 ft., rein.-con., brick, steel and terra cotta, plain foundation, Main and Madison Sts. $1,500 000. Hewitt & Emerson, 1600 Peoria Life Bldg., archts. H. Trumbauer, Land & Title Bldg., Phila., Pa., consult. archt.

Wis., Madison—AUDITORIUM—W. R. Winckler, city clk., plans rein.-con., brick and steel municipal auditorium. $150,000. Engineer and architect not selected.

Wis., Milwaukee—HOTEL—G. Zagel & Bro., archts., 144 Oneida St., making plans 4 story and basement, 62 x 114 ft., brick and concrete, plain foundation, 16th St. $175,000. Owner's name withheld.

Minn., Minneapolis—STORE—E. Quinlan Realty Co., 513 Nicollet Ave., soon takes bids superstructure 2 and 5 story, basement and part sub-basement, 157 x 215 ft., rein.-con., brick, tile and stone, 9th Ave. excavation for above, to J. Leck Co., 211 South 11th St. Total $1,000,000. F. L. Ackerman, 25 West 44th St., New York City, N. Y., archts. Noted Sept. 18.

Kan., Lawrence — MEMORIAL — Memorial Corp., S. G. Elliott, treas., having plans prepared by Pond & Pond, 6 North Michigan Blvd., Chicago, Ill., 3 story and basement, brick memorial union building. $250,000.

Kan., Wichita—STORE, etc.—Vincent Building Co. having preliminary plans prepared by G. H. Thomas, Wheeler, Kelly & Hagny Bldg., 2 story and basement, 100 x 140 ft., brick, concrete and stone, 1st and Topeka Sts. $150,000.

Neb., Omaha—THEATRE—A. H. Blank Theatre Co., c/o M. B. Griffin, 1102 1st Natl. Bank Bldg., having preliminary plans prepared by J. Eberson Co., 212 East Superior St., Chicago, Ill., 1 story, 40 x 100 ft. and 132 x 167 ft., brick, stone, terra cotta and steel theatre and restaurant, Farnam and 20th Sts. $1,000,000.

Neb., Omaha—THEATRE—World Realty Co., 1506 Douglas St., making preliminary plans 8 story and basement, rein.-con., brick, stone and steel theatre, 2,500 seating capacity, 16th and Douglas Sts. $1,000,000.

Tex., Dallas—GARAGE—C. P. Collins and associates, Western Indemnity Bldg., having preliminary plans prepared by Lang & Witchell, 300 Amer. Exch. Bldg., 8 story, brick and fireproof, Commerce and Poydras Sts. $200,000.

Tex., Ft. Worth—LODGE and HALL—Ft. Worth Lodge 148, A. F. & A. M., c/o W. E. Yancey, Court House, plans 75 x 100 ft., rein.-con., brick and stone lodge building. $200,000. Engineer and architect not selected.

Mo., Kansas City—POLICE STATION—Fire and Water Bd., City Hall, plans election $250,000 bonds new central police station. P. McGeehan, city engr. Noted July 23.

Mo., Kansas City—THEATRE—R. L. Willis, 5037 Michigan Ave., having plans prepared by V. J. DeFoe, 1704 Baltimore Ave., 1 story, basement and balcony, 65 x 165 ft. steel, 3804 Main St. $200,000.

Mo., Maplewood—EXCHANGE—Southwestern Bell Telephone Co., Bway. and Locust St., St. Louis, having preliminary plans prepared Marshall Exchange, 2 story and basement, rein.-con. and brick, Manchester and Lanham Sts. $250,000. Private plans.

Mo., St. Louis—CLUB and DORMITORY—Queens Daughters, 3730 Lindell Blvd., soon takes bids 4 story and basement, 62 x 120 x 213 ft., brick and concrete, Lindell Blvd. $200,000.

Mo., St. Louis—HOTEL—L. E. Balson et al, 7054 Washington Ave., making preliminary plans 9 or 10 story and basement, rein.-con., brick, stone and steel, West Pine St. and Kingshighway. $1,000,000 or more. Private plans.

Tex., Houston—EXCHANGE—Southwestern Bell Telephone Co., Broadway and Locust St., St. Louis, Mo. had plans prepared by Sanguinet & Statz, 1st Natl. Bldg., Fort Worth, 4 story and basement, rein.-con. and brick, addition to No. 3 exchange. $200,000.

Tex., Port Arthur—HOTEL—Plaza Hotel Co., H. Westball, mgr., having preliminary plans prepared by H. S. Green, Alamo Natl. Bank Bldg., San Antonio, remodeling and constructing 3 story, rein.-con. and tile addition. $200,000.

Tex., San Antonio—OFFICE—M. Goodman having preliminary plans prepared 12 story and basement, 26 x 136 ft. rein.-con., Houston St. between Broadway and North Alamo Sts. $400,000. Engineer not selected.

Tex., Sherman — ADMINISTRATION — Austin College, T. S. Slyce, pres., having plans prepared by Clyce & Rolfe, archt., 306 Commercial Bank Bldg., and C. D. Hill & Co., consult. archt., 801 Central Bank Bldg., Dallas, 2 story, rein.-con., brick, stone and terra cotta, on campus. $175,000.

Tex., Wellington—HOTEL—W. A. Renner having plans prepared 3 story and basement, 50 x 150 ft., fireproof hotel. $150,000. Private plans.

Tex., Wichita—CIVIC CENTER—Chamber of Commerce, W. D. Cline, chn. Bldg. Comn., plans civic center. $1,000,000. Engineer and architect not selected.

Okla., Muskogee — COURT HOUSE — Muskogee Co. plans 2 story and basement, 90 x 160 ft., Creek St. $160,000. Architect not selected.

Okla., Tulsa—OFFICE—Independent Oil & Gas Co., having preliminary plans prepared by Smith & Senter, Okmulgee, 5 story (ultimately 12 story) and basement, 77 x 140 ft., rein.-con. and steel office building. $350,000. This corrects report in July 23 issue.

Okla., Tulsa—STATION—Atchison, Topeka & Santa Fe R.R. Co., Ry. Exch. Bldg., Chicago, Ill., C. F. W. Felt, co. engr., St. Louis-San Francisco R.R. Co., 120 Bway., New York City, F. G. Jonah, ch. engr., and Missouri-Kansas & Texas R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., F. Ringer, ch. engr., to plan new union station, here. $1,500,000.

Okla., Vinita — HOSPITAL — State Bd. Pub. Affairs, Capitol Bldg., Oklahoma City, having preliminary plans prepared by J. Hicks, 19½ West Main St., Oklahoma City, 2 or 3 story, rein.-con., brick and stone, $180,000, tuberculosis cottage, $35,000 and cold storage plant, $25,000 at Eastern Oklahoma Hospital for Insane.

Wash., Seattle — GARAGE — W. A. Meahan, c/o J. Davis Co., 807 2nd St., having plans prepared 4 story, 120 x 120 ft., fireproof garage, 6th and Union Sts. $185,000.

Calif., Balboa Beach (Balboa P. O.)—CLUB—Southern Seas Club, J. P. Greely, vice-pres., had preliminary plans prepared by Ruoff & Munson, 1103 Story Bldg., Los Angeles, 8 story and part basement, 60 x 110 ft. club house, with swimming pool. $800,000.

Calif., Long Beach — CLUB—Scottish Rite Masonic Temple Assn., had plans prepared by Wright & Gentry, Marine Bank Bldg., 3 story and basement, 100 x 150 ft., steel, brick and hollow tile, 9th St. and Elm Ave. To exceed $300,000.

Calif., Los Angeles—APARTMENT—R. Wilson, c/o H. S. Bradley, archt., 1013 Hollywood Guaranty Bldg., made plans 4 story and basement, brick and steel, 2nd St. and Lafayette Park. $175,000.

Calif., Los Angeles—BANK and OFFICE—F. Webster, 922 Hollywood Guaranty Bldg., plans 12 story and basement, 65 x 160 ft., 1st St. and Bway. $750,000 or more.

Calif., Oakland — FIRE ALARM STATION—City plans to appropriate $170,000 for central fire alarm station. W. W. Harmon, city engr.

Calif., Santa Barbara—HOTEL—N. Callahan, c/o Barbara Hotel, plans 3 story, 125 x 225 ft., rein.-con. hotel, State St. $200,000 or more.

Calif., San Bernardino—STORE and OFFICE—Anderson Co. having plans by H. E. Jones, 445 4th St., 5 story, 55 x 150 ft., rein.-con. and steel, E and 3rd Sts. $250,000.

Calif., San Francisco — GARAGE — H. Lessor, A. Aronson, et al., 58 2nd St., having plans prepared by Ashley & Evers, 58 Sutter St., 5 story and basement, rein.-con., Jessie St. near 4th St. $250,000.

Calif., San Francisco—HOSPITAL—St. Mary's Hospital, Hayes and Stanyan Sts., having plans prepared by Shea & Shea, 454 Montgomery St., 5 story, rein.-con. annex, Hayes St. $800,000.

Calif., San Francisco—HOTEL—G. Borchardt, archt., c/o G. L. Rosebrook, Monadnock Bldg., having preliminary plans prepared 6 story and basement, brick and steel, Sacramento St. near Van Ness Ave. $165,000.

Calif., San Francisco—THEATRE and STORE—H. M. Seigler, c/o Reid Bros., archts., 105 Montgomery St., had plans prepared fireproof, Fillmore and California Sts. $250,000.

Calif., Taft—THEATRE, OFFICE, etc.—West Coast Theatres, Inc., Knickerbocker Bldg., having plans prepared by L. A. Smith, Lily-Fletcher Bldg., Los Angeles, 2 story, 120 x 150 ft., brick, theatre, store and office building. $150,000.

Que., Montreal—HOSPITAL—J. J. York, pres. Montreal Homeopathic Hospital, 144 McGill, College Ave., soon takes bids new hospital. $500,000.

Ont., Ottawa—APARTMENT—Millson & Burgess, archts., 185 Sparks St., soon take bids 7 story and basement, 190 x 200 ft. rein-con., brick and stone, plain foundation, Elgin St. $1,000,000. Owner's name withheld.

Ont., Toronto—EXCHANGE—Bell Telephone Co., 76 Adelaide St., West, plans 4 story and basement, concrete, brick and steel, plain foundation, telephone exchange, Simpson St. $200,000. F. Kennedy, 76 Adelaide St., mgr.

BIDS DESIRED

N. H., Durham — DORMITORY — New Hampshire State College taking bids 3 story and basement, 45 x 130 ft. dormitory with 31 x 61 ft. wing, brick and cast stone. $175,000. E. T. Huddleston, Durham.

Mass., Boston—APARTMENT—One Hundred Thirty-Seven Marlboro St., Inc., c/o Boartman Co., Ames Bldg., taking bids 10 story and basement, brick and limestone, plain foundation, 137 Marlboro St., $300,000. Noted June 18.

Mass., Boston — APARTMENT — Eighty One Beacon St., Inc., c/o J. D. Leland Co., archts., 41 Mt. Vernon St., taking bids 7 story and basement, brick and granite, plain foundation, 81 Beacon St., $250,000. Noted Apr. 23.

Mass., Boston — APARTMENT — Castlegate Realty Corp., 20 Pemberton Sq., taking bids 4 story and basement, 50 x 85 ft., brick and steel, Normandy and Washington Sts. $150,000. S. S. Levy, 35 Court St., archt.

Mass., Boston — HOTEL — Aug. 17, by Statler Hotel Co., 33d St., and 7th Ave., New York City, 14 story and basement, brick, stone and terra cotta, Province St. and Columbus and St. James Aves. $4,000,000. G. B. Post & Co., 101 Park Ave., New York City, archts. Noted July 9.

Buildings—Commercial (Continued)

Mass., Brookline (Boston P. O.)—HOME—New England Deaconess Assn., 6 Deaconess Rd., taking bids 3 story and basement, brick and tile, plain foundation. $150,000. E. W. Deering, 10 Deaconess Rd., archt. Noted July 9.

Mass., Cambridge (Boston P. O.)—DORMITORY—Harvard University, taking bids Strauss Dormitory, 4 story and basement, brick and stone, plain foundation. To exceed $150,000. Collidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts. French & Hubbard, 210 South St., Boston, engrs. Noted May 21.

Mass., Cambridge (Boston P. O.) — DORMITORY—Harvard University, A. L. Lowell, pres., taking bids 4 story and basement, 120 x 200 ft., brick and steel, McKinlock Memorial, Mill and DeWolf Sts. $500,000. French & Hubbard, 210 South St., Boston, engrs., and Collidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts.

Mass., Cambridge (Boston P. O.)—THEATRE — College House Trust, c/o C. A. Newhall, 73 Tremont St., Boston, taking bids 1 story, 50 x 100 ft., brick, stone and steel, plain foundation, Harvard Sq. $150,000. Mowll & Rand, 21 School St., Boston, archts.

Mass., Roxbury (Boston P. O.)—THEATRE, STORE and OFFICE—Singer Realty Co., S. A. Singer, 84 Chauncy St., taking bids 2 story, 80 x 190 ft., brick and steel, plain foundation, 19-129 Dudley St., $225,000. F. A. Norcross, 46 Cornhill St., Boston, archt.

Mass., Wellesley — HOSPITAL — Convalescent Home for Children, c/o S. W. Mead, archt., 11 Pemberton Sq., Boston, taking new bids 2 story and basement, brick and limestone addition, Wellesley Hills. $150,000. Noted June 25.

Mass., Worcester—GARAGE—C. D. Parker & Co., 150 Congress St., Boston, taking bids 2 story, concrete garage, Myrtle and Burnside Sts. $160,000. C. T. Main, 200 Devonshire St., Boston, engrs. and archts.

Mass., Worcester—THEATRE and OFFICE—B. I. Coonen, 6 Tahanto Rd., taking bids 1 and 2 story and basement, brick, stone and steel, Franklin and Porter Sts. $150,000. R. Garland, 340 Main St., engr. and archt.

R. I., Providence — HOME — Swedish Working Men's Assn., c/o Clark & Howe, Turks Head Bldg., taking bids 3 story and basement, brick and stone, Chestnut & Penn Sts. $150,000.

N. Y., Marcy—COTTAGES—Aug. 26, by State Hospital Comn., Albany, constructing Cottages A, B, C and D, at Utica State Hospital, Marcy Div., here. S. W. Jones, state archt.; adv. E. N.-R. Aug. 6.

Pa., Phila.—CENTENNIAL—Aug. 7, by J. Maliter, city archt., 1315 Walnut St., 1 story and ground floor, 392 x 970 ft., steel stucco and concrete, Packer Ave. and Broad St., for Sesquin Centennial International Exch. W. F. Meyer, 5th and Chestnut Sts., pres.

Pa., Phila.—THEATRE, etc.—Aug. 10, by Hoffman-Henon Co., archts., Finance Bldg., and Magazine Eberhart-Harris, archts., 603 Chestnut St., 2 and 3 story and basement, 71 x 87 x 168 ft., brick and steel, plain foundation, Ogontz Ave., and Chelton Ave., for Agontz and Church Lane Realty Co., c/o archt. Noted July 2.

O., Cleveland—EXCHANGE—Aug. 8, by Ohio Bell Telephone Co., A. Eide, building mgr., 4300 Euclid Ave., 2 story and basement, 83 x 85 ft., 4314 West 35th St. G. A. Kositsky, engr., and F. A. Ward, archt., both at 4300 Euclid Ave. Noted July 2.

O., East Cleveland (Cleveland P. O.) — APARTMENT—S. Katz, Swetland Bldg., Cleveland, taking bids 3 story and basement, 38 x 106 ft., brick, Overlook Rd., here. $150,000. M. Weis, 617 Union Bldg., Cleveland, archt.

O., Lakewood (Cleveland P. O.) — APARTMENT—L. Cahn, 2099 Lamberton Rd., taking bids 3 story and basement, 45 x 166 ft., brick, Lewis Drive. $150,000. A. F. Janowitz, 811 Prospect Ave., Cleveland, archt. Noted Aug. 28.

Wis., Madison—DORMITORY—Aug. 21, by University of Wisconsin, M. E. McCaffrey, secy., 3 story and basement, brick, stone and concrete, plain foundation men's dormitory. $700,000. A. Peabody, Capitol, state archt. Noted June 25.

Ia., Iowa City—DORMITORY—See "Contracts Awarded."

Tex., Breckenridge—COURT HOUSE and JAIL—Aug. 20, by J. W. Hill, judge Stephens Co., 4 story and basement, rein.-con. brick, steel and stone court house and jail. $400,000. D. S. Castle, 26-31 Radford Bldg., Abilene, archt. Noted July 30.

Ont., Toronto—HOSPITAL—Aug. 20, by J. P. Hynes, archt., 73 King St. W., 7 story and basement, 60 x 90 ft., rein.-con., brick and steel, plain foundation, Victoria St., for St. Michaels Hospital, 30 Bond St. $500,000.

BIDS RECEIVED

Pa., Phila.—HOSPITAL—Dept. Health, W. Krusen, dir., City Hall, July 31, general contract 4 story and basement, 45 x 126 ft. and 60 x 125 ft. administration building, 2 story and basement, 94 x 124 ft. clinic, 5 story and basement, 50 x 113 ft. and 31 x 85 ft. Childrens Ward A, 5 story and basement, 50 x 113 ft. and 30 x 83 ft. each Womens Nervous Ward A, Womens Surgical Ward C, Mens Surgical Ward D, Womens Medical Ward E, Mens Medical Ward F and Maternity Ward G with connecting corridors, rein.-con., brick and steel, 34th and Pine Sts., from F. W. Mark Contg. Co., Commercial Trust Bldg., $3,473,221; plumbing, from N. Connelly, 1404 North 18th St., $334,000; heating, from W. Anderson, 600 Schuylkill Ave., $518,345; electrical work, from Ross Electric Contg. Co., 106 Fairmount St., $274,000. Noted July 30.

CONTRACTS AWARDED

Me., Bangor — HOME — Eastern Maine General Hospital, 4 story and basement, 64 x 143 ft., concrete, brick and stone nurses home, to McPherson & Barrows, 26 Hodgdon St. Archts. est. $225,000. Noted June 18.

Me., Sanford—STORE—Green Bros., c/o Krokyn & Browne, archts., 220 Devonshire St., Boston, 2 story and basement, 100 x 104 ft., brick, to J. Johnson, Saco. Archts. est. $150,000. Noted July 16.

Mass., Boston—GARAGE—T. J. Moynahan, Jr., and A. Erlandson, 59 Carver St., 2 story, 140 x 290 ft., rein.-con. brick and steel, plain foundation, 210 Albany St., to L. S. Koufman, 43 Tremont St. Archts. est. $250,000. Noted July 23.

Mass., Boston—OFFICE—J. W. Grady, 336 Tremont St., 5 story and basement, brick, plain foundation, to A. P. E. Gascoigne, 6 Beacon St. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.)—OFFICE and STORE—Manufactures Natl. Bank, Kendall Sq., Boston, 5 story, 52 x 157 ft., rein.-con., brick and stone, plain foundation, also 2 story top addition to present 3 story building, to S. C. Sperry Co., 292 Main St. Archts. est. exceed $150,000. Noted June 18.

Mass., Canton—CLUB—Blue Hills Country Club, B. E. Morse, chn., 2 story, 40 x 110 ft., brick and stone, Pecunit St., to Cross & Roberts, 101 Milk St., Boston. Archts. est. $150,000.

Mass., Roxbury (Boston P. O.)—THEATRE—Shawmut Theatre, 362 Blue Hill Ave., 1 and 2 story, brick and steel, to McGraw & Sons, 132 Washington St., Boston. Archts. est. to exceed $150,000.

R. I., Providence — AUDITORIUM — Rhode Island Auditorium Inc., c/o Funk & Wilcox, 26 Pemberton Sq., Boston. 1 story, 160 x 400 ft., rein.-con., brick and stone, plain foundation, North Main St., to A. W. Merchant, Inc., Hostial Trust Bldg. Archts. est. $500,000. Noted June 11.

R. I., Providence—STORE and OFFICE—C. Brown, Narragansett Hotel, 4 story and basement, brick and granite, plain foundatioin, Dean St., to Belcher Constr. Co., 75 Westminster St. Archts. est. $150,000.

R. I., Woonsocket—STORE—Kane Furniture Co., 86 North Main St., 4 story and basement, 60 x 150 ft., brick, stone and terra cotta, Main and Church Sts., to Bouvier Brien Constr. Co., 189 Sayles St. Archts. est. $200,000. Noted July 16.

R. I., Woonsocket—STORE and THEATRE—Stadium Realty Corp., 4 story and basement, 55 x 110 ft. business building, 2 story, 50 x 65 ft. arcade for stores, and 1 story and basement 85 x 145 ft. theatre, all brick and steel, to Eastern Constr. Co., 345 North Main St. Archts. est. $500,000. Noted July 16.

Conn., Danbury—APARTMENT — Griffing Apartments, Deer Hill Ave., 5 story, 95 x 120 ft., brick and steel, to Tracy Bros., Grand St., Waterbury.

Conn., East Hartford (Hartford P. O.)—OFFICE, etc.—Economy Grocery Co., 85 South Leonard St., Waterbury, 2 story, 50 x 200 ft., brick office and manufacturing building, 1 story, 200 x 315 ft., brick and timber warehouse, 1 story, 55 x 125 ft., rein.-con. and steel garage, and 25 x 40 ft., brick boiler house, Park Ave., to H. Wales Lines Co., 134 State St., Meriden, Archts. est. $225,000. Noted June 18.

Pa., Marcus Hook—OFFICE, etc.—Ballinger Co., archts., 12th and Chestnut Sts., Phila., 2 story and basement, 51 x 129 ft., rein.-con. and brick office, 2 story, 25 x 47 ft., fire house, general contract to Wark Co., 1600 Walnut St., Phila.

Pa., Willow Grove — THEATRE and APARTMENT—Rothwell Co., c/o E. H. Rothwell, 2 story and basement, 108 x 200 ft., brick and steel, plain foundation, to A. G. Warren Co., 1525 Cherry St., Phila. Archts. est. $250,000. Noted April 9.

Md., Baltimore — EXCHANGE — Chesapeake & Potomac Telephone Co. 5 Light St., 3 story and basement, 63 x 152 ft., brick and steel, 31st and Guilford Aves., to Frainie Bros. & Haigley, 19 West Franklin St., $150,000.

Ga., Alto — HOSPITAL — State Bd. Health, 4 story and basement, rein.-con., brick and tile, to C. H. Van Ormer, Healey Bldg., Atlanta, Ga. Engrs. est. $500,000. Noted June 25.

O., Canton—GARAGE—Peerless Auto Sales Co., 421 Cleveland Ave. N. W., 2 story and basement, 100 x 150 ft. garage, Walnut Ave. N. W., to R. C. Witters Co., Witters Bldg., $150,000. Noted May 21.

O., Cincinnati—INDUSTRIAL—Nivison-Weiskopf Co., Elm St., 1 story, 180 x 250 ft., rein.-con. and brick, plain foundation, Reading Rd., to E. P. Koenig, Jefferson St., $150,000.

O., Cleveland—APARTMENT and OFFICE—Gund Realty Co., L. F. Roether, secy., 1476 Davenport Ave., 3 story, 100 x 100 ft., brick and concrete, East 55th St. and Superior Ave., to E. F. Gibbons Constr. Co., Union Trust Bldg. Archts. est. $150,000.

O., Cleveland—OFFICE and GARAGE—J. H. Shaffrank, 9801 Lake Ave., 1 and part basement, 100 x 150 ft., brick, West 117th St. and Clifton Blvd., to J. Baskin, 9729 Parkgate Ave. Archts. est. $150,000.

O., Columbus—OFFICE—Ohio Fuel & Supply Co., 99 North Front St., 4 story and basement, 31 x 187 ft., steel and rein.-con., 105 North Front St., to J. W. Heckart, Comstock Bldg., approximately $200,000.

Neb., McCook—STATION and HEADQUARTERS—Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, Ill., 1 story, brick and concrete passenger and freight depot, also office, store house, etc., here to E. Rokahr & Sons, 1743 South 24th St., Lincoln, Engrs. est. $200,000. Noted May 21.

Ill., Alton—CONVENT—Ursuline Sisters, 4th and Alton Aves., general contract 3 story, brick, rein.-con. and stone, to J. Clyde Evans Constr. Co., 509 South 6th St., Springfield, $162,958. Noted Nov. 13.

Ia., Iowa City—DORMITORY—State Bd. Educ., Des Moines, will build men's dormitoory, 2 story and basement, on campus, here, by day labor. $200,000. Former bids rejected. W. H. Gemmill, secy. Noted July 9.

S. D., Hot Springs — HOME — State Soldiers Home, P. P. Sheldon, secy., general contract 4 story and basement, 108 x 150 ft., women's home, rein.-con., brick and stone, to H. Carlson, 407 Minnehaha Bldg., Sioux Falls, $138,145.

Mo., Kansas City—BUSINESS—C. H. Smith, 608 Bryant Bldg., 7 story and basement, rein.-con. and brick, 15th and Baltimore Sts., to Manhattan Constr. Co., 616 Pioneer Trust Bldg. To exceed $150,000.

Tex., Amarillo — HOSPITAL — Atchison Topeka & Santa Fe Hospital Association, J. P. Kaster, chief surgeon, 3 story, 3 wings, 81 x 40 ft. and 1 wing 40 x 40 ft. to R. E. McKee, El Paso, $154,405.

Tex., Dallas—GARAGE—Perry Motor Co., 615 Good St., 3 story brick, stone, steel and rein.-con., Pacific Ave., to The Watson Co., 1927 South Okard St., Fort Worth, $150,000.

Tex., Galveston — WAREHOUSE — Merchants & Planters Compress & Warehouse Co., 4602 Ave. J, 1 story, 300 x 500 ft., rein.-con., to J. T. Taylor, 1209 Burk Burnett Bldg., Fort Worth. $150,000. Engrs. est. $200,000.

Tex., Ft. Worth—WAREHOUSE—Morning Dry Goods Co., 4th and Main Sts., 6 story and basement, 75 x 200 ft., rein.-con. and brick, plain foundation, Main St., to Butcher & Sweeney, 806 Taylor St., $198,830.

Calif., Los Angeles — APARTMENT — Southern States Realty Co., completing San Jacinto Apartments, 12 story (concrete frame is at present completed to 9th floor), 100 x 150 ft., concrete and timber with 50 x 100 ft. concrete garage, 6th and Carondelet Sts., to Winter Constr. Co., 2400 West 7th St., $422,422.

Calif., Los Angeles—LOFT—Harris-Newmark Estate, c/o Curlett & Beelman, archts., Union Bank Bldg., 12 story and basement, 140 x 160 ft., rein.-con., 9th and Los Angeles Sts., to Baruch Corp., I. W.

Buildings—Commercial (Continued)

Hellman Bldg., $550,000. Klein-Norton Co., 254 South Los Angeles St., lessee. Noted June 18.

Calif., Los Angeles—THEATRE, BANK, etc.—J. W. Hackett, 2 story, part basement, 150 x 150 ft., rein.-con., brick and steel theatre, bank, office and store building, Brooklyn Ave. and Gage St., to Holland, Jones & Saffill, 510 Spring St., Arcade Bldg., approximately $150,000.

Calif., San Francisco—APARTMENT—A. West, c/o F. S. Holland, archt., 137 9th Ave., 5 story and basement, rein.-con., Larkin St. near Geary St. to G. P. W. Jensen, 320 Market St., $165,000.

Calif., San Francisco—HOTEL—D and J. H. Herbst, 1525 Mission St., 6 story and basement, brick, Geary near Hyde St., to F. R. Siegrist Co., Inc., 693 Market St., $155,650.

Calif., Santa Monica—CLUB—Casa Del Mar Club, 5 story, 145 x 183 ft., rein.-con. and timber top addition ft. Pico Blvd., to Bard & Co., 405 Union Oil Bldg., Los Angeles, $695,000.

Buildings—Educational, Religious

PROPOSED WORK

Me., Orono—MECHANICAL and ENGINEERING — University of Maine, H. S. Boardman, dean, having plans prepared by Strickland, Blodgett & Law, engrs. and archts., 26 Pemberton Sq., Boston, 2 story, mechanical and engineering building, brick and limestone. To exceed $150,000.

Me., Portland—SCHOOL—City, E. C. Robinson, chn. bulding com. having revised plans prepared by Miller & Mayo, 465 Congress St., 2 story and basement, brick, Brown St., South Portland Sect. $150,000. Former bids rejected. Noted May 28.

N. H., Concord—HIGH SCHOOL—City, H. J. Lake, 97 North Main St., having plans prepared by J. D. Leland Co., 41 Mt. Vernon St., Boston, 2 story and basement, brick high school. $150,000. Noted June 4.

Mass., Boston — CHURCH — Brighton Baptist Church, c/o Blackall, Clapp & Whittemore, archts., 20 Beacon St., making sketches 1 story and basement, Cambridge and Gordon Sts. $150,000 or more.

Mass., East Douglas—HIGH SCHOOL—Supt. Schools taking bids 2 story and basement, 70 x 100 ft. high school with 43 x 83 ft. wing, brick and stone. $150,000. Ritchie, Parsons and Taylor, 15 Ashburton Pl., Boston, engrs. and archts. Noted July 30.

Mass., Montague—SCHOOL—Town, J. J. Quin, chn. building com. having plans prepared by J. F. Cullen, 33 Washington St., Boston, 2 story and basement, brick and stone, Crocker Ave. $150,000. Noted July 9.

Mass., Natick—SCHOOLS—A. H. Frittz, chn. School Com. having skethches made by McLaughlin & Burr, 88 Tremont St., Boston, three 1 and 2 story, brick and stone schools. To exceed $150,000. Noted July 2.

Mass., North Reading—SCHOOL—School Com. having plans prepared by Adden & Parker, 177 State St., Boston, 2 story and basement, brick and stone school. $150,000.

Mass., Taunton — SCHOOL — School Dept., City Hall, having plans prepared by McLaughlin & Burr, 88 Tremont St., Boston, 2 story and basement, brick and steel $250,000. Noted Dec. 4.

Mass., Worcester—SCHOOL—City, Building Dept., City Hall, having plans prepared by G. C. Halcott, 7 Shepard St., 40 room, brick and steel school, to incl. domestic science and manual training room, Walnut St. $1,000,000.

R. I., Auburn (mail Providence)—HIGH SCHOOL—City of Cranston, School Bd., having plans prepared by W. R. Walker & Son, 49 Weybosset St., Providence, 3 story and basement, 190 x 275 ft., brick and steel, Park Ave. $600,000.

Conn., Winsted—SCHOOL—Town, Bldg. School Com. having plans prepared by W. E. Hunt, 197 Water St., Torrington, 2 story and basement, brick and steel, 1st. Dist. $150,000.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. extension and Concord St., brick, steel and stone, plain foundation, Clarkson Ave., here. $1,200,000.

N. Y., New York—COLLEGE—New York University, 32 Waverly Pl., having plans prepared by McKim, Mead & White, 101 Park Ave., 15 story, 100 x 200 ft., brick, steel and stone addition, plain foundation, Washington Sq. and 4th St. $3,000,000.

N. C., Kinston—SCHOOL—Voted $150,000 bonds for new school. Noted Mar. 5.

N. C., Raleigh — DORMITORY and LIBRARY—Peace Institute, W. C. Pressly, bus. mgr., plans dormitory and library. $200,000.

La., Shreveport—CHURCH—First Methodist Congregation, c/o R. E. Goodrich, pastor, plans church addition. $500,000. Engineer and architect not selected.

O., Hudson — CHURCH and PARISH HOUSE—Hudson Episcopal Church, c/o G. F. Patterson, archdeacon, 2241 Prospect Ave., plans brick and steel church and parish house. $200,000. Engineer and architect not selected.

Mich., Detroit—SCHOOL—St. Leos Parish, Grand River Ave., had plans prepared by Donaldson & Meier, 1314 Penobscot Bldg., 3 story and basement, 60 x 160 ft., concrete, brick and steel, plain foundation, Grand River Ave. $160,000.

Mich., Erin (Mt. Clemens P. O.) — SCHOOL—Bd. Educ. Erin Twp., Macomb Co., c/o J. G. Kastler & Co., archts., 523 Detroit Savings Bank Bldg., having plans prepared 2 story and basement, 115 x 132 ft., rein.-con., brick and steel, plain foundation.

Ill., Chicago—HIGH SCHOOL—W. G. Carnegie, archt., 6 North Clark St., soon takes bids 2 story and basement, 100 x 119 ft., rein.-con. high school for Chicago Christian High School, 71st and May Sts. $200,000.

Ill., Evanston—CHURCH—Talmadge & Watson, archts., 160 North La Salle St., Chicago, preparing plans and take bids about Aug. 18, 1 story, 65 x 183 ft. with 107 ft. tower, slate, brick and stone church here, for 1st Congregational Church. $150,000-$200,000.

Wis., New London—CHURCH—Church of Most Sacred Blood, c/o O. Kolbe, pastor, having plans prepared by E. Brielmaier & Sons, 432 Bway., Milwaukee, 2 story, brick and concrete, plain foundation, here. $150,000. Noted July 23.

Wis., Racine—HIGH SCHOOLS—Voted $900,000 bonds 2 high schools, for Bd. Educ., A. H. Schafer, secy. Noted June 4.

Ia., Des Moines—EDUCATIONAL—University Church of Christ, C. S. Medbury, 1144 4th St., taking bids 4 story and basement 92 x 126 ft. rein.-con. educational building, 25th and University St. $250,000. B. Higgins, 420 Securities Bldg., archt.

Neb., Falls City—HIGH SCHOOL—Bd. Educ., F. Brecht, secy., soon takes bid 3 story and basement, 175 x 210 ft., rein.-con., brick and stone high school. $250,000. Fiske, Meginnis & Schaumberg, 533 Bankers Life Bldg., archts. Noted April 23.

Mo., Kansas City—HIGH SCHOOL—Bd. Educ., Pub. Library Bldg., had plans prepared by C. A. Smith, 800 Finance Bldg., and soon takes bids 3 and 4 story and basement, rein.-con., brick and stone Junior High School, incl. swimming pool and 2 gymnasiums, etc. $300,000. Noted July 23.

Tex., Denton—LIBRARY—Bd. Regents, College of Industrial Arts, c/o L. Blayney, pres., Denton, plans Bradley Library on campus. $150,000. Engineer and architect not selected.

Okla., Norman — CHURCH — First Christian Congregation having plans prepared by Sorey & Vahlberg, 212½ West Walnut St., Oklahoma City, 1 and 2 story, rein.-con., brick and stone, church and Sunday school. $250,000.

Ore., Portland—SCHOOLS—School Dist. No. 1, having plans prepared by G. H. Jones, 2 story, 25 room school, East 6th and Wygant Sts., $250,000; also 1 story, 12 room school, 72d and St. Mary Sts. $75,000.

Calif., Los Angeles—HIGH SCHOOL—City having plans prepared by Kistner & Co., Detwiler Bldg., John Adams High School, 3 story and basement, 168 x 184 ft., rein.-con. and brick. $200,000 or more.

BIDS DESIRED

Me., Bangor — SCHOOL — City, A. B. Garcelon, supt. schools, taking bids 2 story and basement, 64 x 208 ft., with 64 x 80 ft. wing, brick and stone, plain foundation, Bway., $250,000. A. S. Kellogg, 89 Franklin St., engr. C. P. Crowell & W. S. Lancaster, 27 State St., archts. Noted June 25.

Vt., Rutland—CHURCH—Methodist Episcopal Church, C. E. Price, 59 Elm St. pastor, taking bids 1 story and basement, brick and stone, $200,000. Woodbury & Stuart, 581 Boylston St., Boston, archts. Noted Apr. 30.

Mass., Concord — CHURCH—Trinitarian Congregational, c/o Froham, Robb & Little, archts., 140 Boylston St., Boston, taking bids 1 story and basement, 65 x 100 ft. brick and stone church, $150,000. Noted Nov. 27.

Mass., Marlboro—PARISH HOUSE—St. Anns Italian Roman Catholic Church, taking bids 2 story and basement, brick and stone, Lincoln & Gibbons Sts. $150,000. W. B. Colleary, 80 Boylston St., archts. Noted July 9.

Mass., Medford—SCHOOL—City, C. H. Lowell, chn. School Building Com., taking bids 2 story and basement, 62 x 110 ft., brick and stone, plain foundation, Horne Ave., Fulton Heights, $150,000 or more. M. A. Dyer, 1 Beacon St., Boston, archt.

Mass., Roslndale (Boston P. O.) — CHURCH—Church of Our Savior taking bids 1 and 2 story, stone and granite, South St. $150,000. H. E. Davidson & Son, 46 Cornhill St., Boston, archts. Noted July 23.

R. I., North Smithfield—SCHOOL—Town School Bd. taking bids 2 story and basement, brick school, Great Rd. $150,000. W. R. Walker & Son, 49 Weybosset St., Providence, archts. Noted Aug. 6.

R. I., Pawtucket—SCHOOL—City, W. C. Kendrick, clk., taking new bids 3 story and basement, rein.-con., brick and steel, plain foundation, Senior High School, Exchange St., $250,000. R. C. N. Monahan, 255 Main St., archt. Noted Mar. 19.

Conn., Danbury—HIGH SCHOOL—City, 2 story, brick high school, to Hewlett Co., 886 Main St., Bridgeport, $379,730. Noted July 16.

Conn., Windsor—SCHOOLS—Aug. 7, by Bd. Educ., C. B. Searle, chn. Pleasant St., two schools, 6 and 8 rooms each, brick and steel, one at Wilson Station, other Town Center. $150,000. H. A. Hayden, 175 Main St., Bristol, archt. Noted Dec. 18.

Pa., Elizabethtown—SHOPS, etc.—Aug. 18, by E. A. Wightman, archt., Bankers Trust Bldg., Phila., 1 and 2 story and basement, 128 x 212 ft., brick, plain foundation, on Masonic Home Grounds for Trustees Thomas Patton Rankin Memorial School for Boys, c/o archt.

Pa., Lawndale—RELIGIOUS, etc.—Aug. 26, by Lawndale Methodist Episcopal Church, 2 story and basement, 83 x 102 ft., brick, plain foundation, Levick and Palmetto Sts. Bureau Architecture Methodist Episcopal Church, 1701 Arch St., Phila., archts.

O., Columbia—HIGH SCHOOL—Aug. 31, by Bd. Educ., E. L. McCune, clk., 20 South 3rd St., Junior High School, 3 story and basement, 105 x 140 ft., rein.-con. and brick, Dennison and 4th Aves. $200,000. H. D. Smith, 20 South 3rd St., archt.

Ia., Marshalltown—HIGH SCHOOL—Aug. 11, by Bd. Educ., 2 story and basement, rein.-con., brick, tile and stone school. $200,000. H. E. Reimer, Kibby Bldg., and Dougher, Rich & Woodburn, 320 Valley Natl. Bank Bldg., Des Moines, archts. Noted July 30.

Mo., Poplar Bluff—SCHOOL—Aug. 10, by Bd. Educ., erection and completion new school, here. M. Laubis, Poplar Bluff, archt.

Ark., Hot Springs — HIGH SCHOOL — Aug. 29, by U. McKenzie, supt. Bd. Hot Springs Special School Dist., No. 6, 3 story, 134 x 138 ft., rein.-con., brick and stone, junior high school, Oak and Olive Sts. Mann & Stern, 708 A. O. U. W. Bldg., Little Rock, archt. Noted May 21.

Ont., Toronto—SCHOOL—Aug. 14, by W. W. Pearse, 155 College St., 2 story and basement, 8 room, school for Bd. of Educ. C. Dyson, 155 College St., archt.

BIDS RECEIVED

N. J., New Brunswick—RECITATION—Bd. Institutions & Agencies, Trenton, general contract 3 story and basement, 70 x 174 ft., concrete and brick, from C. McCaul Co., 1719 Sansom St., Phila., Pa. $154,638. Noted July 16.

D. C., Wash.—SCHOOL—Dist. Comr., 8 room addition to Bell School, from Skinker & Garrett, 1416 F St. N. W., $175,472.

Tenn., Memphis—HIGH SCHOOL—Bd. Educ., July 27, Negro Industrial High School from O. E. Bass Constr. Co., $174,000.

Ia., Iowa City — CHEMISTRY — State Bd. Educ., Des Moines, W. H. Gemmill, secy., general contract 4 story and basement, rein.-con., brick, tile and stone addition for State University, here, from J. W. Hopp Co., 415 Granby Bldg., Cedar Rapids, $134,490.

Calif., Sunnyvale — HIGH SCHOOL — West Side Union High School Dist., July 16, rein.-con. high school, from W. J. Ochs, Fresno, $97,386. Noted July 9.

CONTRACTS AWARDED

Me., Guilford—HIGH SCHOOL—Town, Superintendent Schools, 1 story and base-

Buildings—Educational, Religious (Cont.)

ment, 57 x 140 ft., brick and stone high school, to C. T. Reynolds, Augusta. Archts. est. $150,000. Noted July 30.

N. H., Littleton—HIGH SCHOOL—Town, A. T. Downing, chn., 2 story, 114 x 150 ft., brick and steel, plain foundation, to E. H. Hunter, Hanover. Archts. est. $150,000. Noted July 23.

Mass., Boston—SCHOOL—School House Dept., T. P. Glynn, chn., 1 story and basement, brick and limestone addition to Charles Louge School, Tileston Dist., Dorchester, to Thomas O'Connor Co., 218 Main St. Archts. est. $150,000. Noted Apr. 30.

Mass., Lawrence—SCHOOL—City, Supt. Schools. 2 and 3 story and basement, 151 x 152 ft., brick and stone, Allen St., Eastern Sect., to E. A. Peabody & Son, Bay State Bldg., $323,300. Noted July 30.

Mass., Ludlow—HIGH SCHOOL—School Building Comn., 2 story and basement, brick and stone, Chestnut St., to E. J. Pinney Inc., 374 Main St., Springfield. Archts. est. $150,000. Noted July 23.

Mass., Ware—CHURCH—East Congregational Church, 1 story and basement, brick and stone church, to H. P. Cummings Constr. Co., Ware. Archts. est. $150,000. Noted June 11.

Mass., Worcester—CHURCH and PARSONAGE—Concordia Lutheran Church, 1 and 2 story and basement, brick and stone, plain foundation, Murray Ave., to Central Building Co., 78 Front St. Archts. est. $150,000. Noted July 2.

Conn., Deep River—CHURCH—Deep River Baptist Church, 1 story and basement, brick and stone, to Pieretti Bros., Centerbrook. Archts. est. $150,000. Noted July 16.

Conn., Stamford — SCHOOL — School Comn., C. H. Martin, chn. 2 story and basement, concrete, brick and steel addition to Stevens School incl. domestic science and manual training rooms Fairfield Ave., to Vuono Constr. Co., 305 Main St., Stamford. $226,136. Archts. est. $250,000. Noted July 30.

Conn., Waterbury—HIGH SCHOOL—Notre Dame Academy, c/o Sister Faustina, South Elm St., 3 story and basement, 60 x 165 ft., brick and stone, plain foundation, to Lariviere & Hyland Constr. Co., 89 Robbins St. Archts. est. $300,000. Noted May 28.

Conn., Westport—SCHOOL—Bd. Educ., 2 story and basement, brick and steel, Greens Farms Sect., to Hewlett Co., 884 Main St., Bridgeport. Archts. est. $350,000.

N. Y., Buffalo—HIGH SCHOOL—Bd. Educ., 900 Genesee Bldg., East High School, rein.-con., brick and stone, Northampton St., to Harrison Eng. Constr. Co., Ellicott Sq. Bldg., $869,631. Noted July 23.

Pa., Johnstown — CHURCH — Memorial Baptist Church, Vine St., 2 story and basement, 99 x 125 ft., stone, plain foundation, Vine St., to Engstrom Constr. Co., 1117 Chapline St., Wheeling, W. Va., $180,000. Archts. est. $200,000.

Pa., Phila.—LIBRARY—G. H. Biles, dir. Pub. Wks., interior finish and decorating, book shelves, newspaper stacks, shelving, stairs, railings, service counters and cases, steel cabinets and filing equipment, 19th, 20th, Wood and Vine Sts., to F. W. Mark Contg. Co., Commercial Trust Bldg., $2,417,241. Noted July 9.

Pa., Pittsburgh—UNIVERSITY—University of Pittsburgh, c/o J. G. Bowman, chancellor, 52 or 53 story and basement, 260 x 360 ft., steel, Schenley Park, to Stone & Webster, Union Trust Bldg. Noted Nov. 13.

N. C., Durham—COLLEGE—Duke University, constructing 5 dormitories, auditorium, science building, library, Union building, faculty apartment, and student union building to George A. Fuller Co., Wash., D. C., $4,000,000.

Miss., Jackson—CHURCH—First Baptist Congregation, 1 and 2 story, rein.-con., brick and stone, College Ave. and North President St., to I. C. Garber, Jackson. Engrs. est. $350,000. Noted June 18.

O., Canton—SCHOOL—City, 2 story and basement, brick addition, Wells Ave. W., to Melbourne Constr. Co., Brant Bldg., $152,900.

O., Dayton — TEMPLE — Jefferson St. Synagogue, H. Lehmann, chn., rein.-con. and brick, Salem Ave., to Boyajahn & Barr, Neil and 11th Aves., Columbus, $250,000. Noted Jan. 8.

Mich., Detroit—SCHOOLS—Bd. Educ., 1354 Bway. Ave., 2 story and basement, 80 x 172 ft., Chalfonte St., and McCullough School, 2 story and basement, 82 x 171 ft., on Wildemere Ave., to Cooper-Widenmann Co., 4612 Woodward Ave., $159,183 and $155,633 respectively; Goodale School, 2 story and basement, 82 x 171 ft. Dickerson Ave., to R. Hill, Petoskey Ave. $159,182; 1 story addition to Lyster School to Bennage & McKinstrie Co., 429 Wayne St., $15,200, all rein.-con., brick and steel, plain foundations.

Ill., Lincoln—HIGH SCHOOL—Bd. Educ., general contract 2 story and basement, 100 x 120 ft., rein.-con., brick and steel community high school, to C. J. Newlin, Normal, $154,300; heating, plumbing, etc., to W. S. Bouillon, Lincoln, $36,690.

Ill., Murphysboro—HIGH SCHOOL—Bd. Educ. High School Dist. 100, general contract 2 story and basement, 80 x 115 ft. and 71 x 126 ft., rein.-con., brick and stone, also repairing auditorium and gymnasium building, etc., to Cardani Constr. Co., Herrin. Archts. est. $150,000. Noted June 25.

Okla., Edmond — COLLEGE — Central Teachers College, c/o C. Rice, Oklahoma City, 2½ story and basement, 82 x 132 ft., rein.-con., brick and stone auditorium and classroom, plain foundation, to Holmboe Co., 422 West 2nd St., Oklahoma City, $129,400.

Colo., Denver — SUNDAY SCHOOL — Trinity Methodist Episcopal Church, 1800 Bway., general contract 2 story and basement, 100 x 125 ft., brick, stone and steel, to H. Stenmark, 120 South Downing St., $96,665; plumbing and heating, to Small Bros., 1444 Court Pl., $22,606. Noted May 14.

Calif., La Verne—ADMINISTRATION—La Verne College, 2 story and basement, 155 x 165 ft., rein.-con., 3rd St., to Metzger & Son, 1007 South Grand Ave., Los Angeles, $158,800. Noted July 16.

Calif., Sunnyvile—HIGH SCHOOL—West Side Union High School Dist., general contract rein.-con. high school, to W. J. Ochs, 405 Clark St., $97,385. Noted July 9.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits.

Applications

607—Southern Sierras Power Co., Riverside, Calif. — Wants license for power development on Green Lake Creek, Inyo Co.

608—Giffen, Porter, Pearsall, Freeman & Knapp 403 South Hill St., Los Angeles, Calif.—Wants preliminary permit for power development on north and east forks of Trinity River, Trinity Co.

609—Muscle Shoals Hydro Electric Co., Sheffield, Ala.—Wants license for dam and power house in Tennessee River, Lauderdale and Colbert Counties.

610 — Mississippi Power Co., Gulfport, Miss. — Wants license for dam and appurtenant power structures in Tennessee River, Tishomingo Co., Miss., and Lauderdale Co., Ala.

611 — Lake Virginia Mining Co., 620 Alaska Bldg., Seattle, Wash.—Wants preliminary permit for dam in Mill Creek, Wrangell Recording Precinct, Alaska.

612—Bluster Consolidated Gold Silver Mines Co., Jarbidge, Nev.—Wants license for transmission line in Humboldt Natl. Forest, Elko Co.

613—Kentucky-Tennessee Light & Power Co., Bowling Green, Ky. — Wants preliminary permit for power plant on east bank of Green River, below U. S. Dam 1, Henderson Co.

614—Southern California Edison Co., 306 West 3rd St., Los Angeles, Calif.—Wants license for transmission line in Ventura Co.

615—W. G. Muncy, Crescent City, Calif. —Wants license for small power development in Kellys Gulch, Del Norte Co.

616 — Great Western Power Co., San Francisco, Calif.—Wants license to increase height of existing dam creating Lake Almanor, 45 ft., in north fork Feather River, Plumas Co.

617—Kentucky-Tennessee Light & Power Co., Bowling Green, Ky. — Wants preliminary permit for power development at Locks 2 and 3, Green River, McLean and Muhlenberg Counties.

618—Alabama Power Co., Atalla, Ala.—Wants license for 120 ft. dam and power house 6 mi. above Wetumpka, Elmore, Chilton and Goosa Counties.

619 — Feather River Power Co., 582 Market St., San Francisco, Calif.—Wants license for 106 ft. dam on Bucks Creek, conduit from Milk Ranch Creek to Bucks Creek reservoir, Plumas Co.

620—Columbia River Packers Assn. Inc., Astoria, Ore.—Wants license to construct plant on Indian Creek, Chignik Recording Dist., Alaska.

621—Inland Power & Light Co., Portland, Ore.—Wants preliminary, permit for power development in Clearwater River, Nez Perce Co., Idaho, with dam about 2 mi. above Lewiston.

622—Ventura Power Co., 7 West 10th St., Wilmington, Del. — Wants preliminary permit for power development on Sespe Creek, Ventura Co., Calif.

623—Ventura Power Co., 7 West 10th St. Wilmington, Del.—Wants preliminary permit for power development on Piru Creek, Centura and Los Angeles Counties, Calif.

624—Southern Sierras Power Co., Riverside, Calif.—Wants license for transmission line in San Bernardino Co., Calif.

Federal Government Work

PROPOSED WORK

Ill., Brookport—Steel Sheet Piling—U. S. Engineer Office, P. O. Box 72, Louisville, Ky., soon takes bids 1,400,000 lb. steel sheet piling, for Dam 52, Ohio River, here.

BIDS DESIRED

N. J., Newark—dredging—Sept. 4, by U. S. Engineer Office, Second Dist., Room 616, Army Bldg., New York, for dredging in Newark Bay, here. Adv. E. N.-R. Aug. 6.

Pa., Pittsburgh—Dam—Aug. 29, by U. S. Engineer Office, constructing Dam 4, Allegheny River, here; adv. E. N-R. Aug. 6.

Fla., Jacksonville—Pontoon catamarans—Aug. 20, by U. S. Engineer Office, pontoon catamarans for dredge Welatka; adv. E. N.R. Aug. 6.

Ky., Louisville—Steel Sheet Piling—Aug. 10, by U. S. Engineer Office, P. O. Box 72, steel sheet piling for Dam 52, Ohio River, adv. E. N-R. Aug. 6.

Ill., Great Lake—Boilers—Spec. 5139—Aug. 12, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to boilers at Naval Hospital, here.

Mo., Jefferson Barracks—Stable—Aug. 25, by U. S. Veterans Bureau, 791 Arlington Bldg., Wash., D. C., rein.-con., tile and brick stable and animal house.

Colorado—Aug. 17, by J. W. Johnson, dist. engr. Bureau Pub. Rd., 301 Custom House, Denver, grading 6.88 mi. Tennessee Pass National Forest Rd. Project, Pando Sect. Eagle Co.

BIDS RECEIVED

D. C., Wash.—Pipe Line—U. S. Engineer Office, Land Office Bldg., high pipe line from Lock Joint Pipe Co., Ampere, N. J., **(1)** $1.50 **(2)** $4 **(3)** $14.65 **(4)** $16 **(5)** $21 **(6)** $40 **(7)** $20 **(8)** $0.08 **(9)** $5,000. Noted July 16.

Oregon—Road—C. H. Purcell, dist. engr. Bureau Pub. Rds., 316 Post Office Bldg., Portland, surfacing and improving 1.97 mi. Williamette Valley-Florence Highway, Lane Co., from Hellier & Co., Hillsboro, $35,234.

P. I., Canacao—Hospital—Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing hospital, here, from W. F. Marten, 315 Hawaiian Trust Bldg., Honolulu, **(1)** $243,188 **(2a)** $61,263 **(2b)** $29,374 **(2c)** $93,000 **(2d)** $9,000 **(2e)** $25,458 **(3)** deduct $3,000 **(4a)** deduct $300 **(4b)** deduct $300 **(5)** deduct $1,600 **(6a)** deduct $325 **(6b)** deduct $325 **(7a)** $15 **(7b)** $0.06; from J. E. Grant, 129 Colle Padre, Faura, Manila, **(14)** $250,000 **(15a)** $55,000 **(15b)** $35,000 **(15c)** $100,000 **(15d)** $10,000 **(15e)** $20,000 **(16)** deduct $3,000 **(17a)** deduct $200 **(17c)** deduct $800 **(18a)** deduct $60 **(18c)** deduct $135 **(18d)** deduct $225 **(19a)** $0.60 **(19b)** $0.05; from O. E. Ross, 302 East Anaheim St., Long Beach, Calif., **(8)** $34,000 **(9a)** add $10,000 **(b)** $2,000 **(c)** $14,000 **(d)** $2,000 **(e)** $4,000. Noted May 21.

CONTRACTS AWARDED

Ala., Florence—Lock Gates—U. S. Engineer Office, War Dept., Wash., D. C., structural steel lock gates for Dam 1, to Penn Bridge Co., Beaver Falls, Pa., $39,770. Noted July 2.

New Mexico—Road—W. S. Wheeler, dist. engr. Bureau Pub. Rds., 242 West Washington St., Phoenix, Ariz., improving 6.1 mi. Alpine Reserve Natl. Forest Rd., Catron Co., to R. G. Thomas, Miami, Ariz., $29,435.

California—Road—C. H. Sweetser, dist. engr. Bureau Pub. Rds., 9 Main St., San Francisco, grading and surfacing 3.71 mi. Yuba Pass Rd., Sierra Co., to Tieslau Bros., 2819 Grove St., Berkeley $88,031. Noted July 2.

Unclassified

PROPOSED WORK

Baseball Cage—Cambridge (Boston P. O.), **Mass.**—Harvard Athletic Assn., F. W. Moon, having plans prepared by G. Lowell, 12 West St., Boston, 1 story, 150 x 160 ft., brick and steel baseball cage. $40,000.

Unclassified (Continued)

Seawall—Hull, Mass.—Town, Bd. Selectmen voted $25,000 for seawall along Point Allerton Ave. State to appropriate $25,000 toward cost.

Coal Trestle—Buffalo, N. Y.—Delaware, Lackawanna & Western R.R., 90 West St., New York City, plans concrete and steel coal trestle, Delaware and Taunton Aves. here. $40,000. G. J. Ray, Hoboken Terminal, Hoboken, N. J., ch. engr.

Seawall—Trenton, N. J.—City Comn. plans extending concrete seawall along Delaware River, John Fitch Way. $18,000. A. C. Gregory, City Hall, engr.

Grand Stand, etc.—Houma, La.—Com. Lenox Hotard Post of Amer. Legion, plans grand stand, track, playground, swimming pool, auditorium, dance hall, etc. $60,000 to $70,000.

Docks and Wharves—Lake Charles, La.—City making plans, docks and wharves. $500,000 bonds voted. J. F. Coleman Eng. Co., 820 Perdido St., New Orleans, engrs.

Underground Cables—Knoxville, Tenn.—Cumberland Telephone & Telegraph Co., 422 N. Magnolia St., plans to expend $150,000 for new underground cables, conduits, switch boards, etc., here. E. F. Garratt, Telephone Bldg., dist. mgr.

Telephone Lines—Illinois—Illinois Bell Telephone Co., 422 South 5th St., Springfield, plans new cable line from Rockford to Highland and installing 200 new phones. $100,000. Private plans. J. H. Corcoran, Rockford, dist. mgr.

Aquarium — Chicago, Ill. — Aquarium Society, 38 South Dearborn St., M. A. Taylor, pres., had plans prepared by Graham, Anderson, Probst & White, 80 East Jackson St., large aquarium and fish hatchery, incl. 125 to 150 tanks, sunken garden, etc. $2,000,000.

Amusement Park—Cape Girardeau, Mo.—E. E. Ebert, plans 40 acre amusement park and swimming pool.

Swimming Pool—Kansas City, Mo.—See "Buildings—Educational, Religious."

Subway—Houston, Tex.—City, c/o O. F. Holcombe, mayor, and Southern Pacific Ry. Co., 65 Market St., San Francisco, Calif., G. W. Baschke, ch. engr., had preliminary plans prepared subway under railroad tracks. $25,000. J. C. McVea, city engr.

Gas Line—Poteau, Okla.—J. I. Pfolzgral, 310 College St. plans to expend $300,000 for gas line extensions.

Lighting Systems—Mesa, Ariz.—Voted $98,500 bonds improving electric and gas systems.

Swimming Pool—Balboa Beach (Balboa P. O.), **Calif.**—See "Buildings—Commercial."

Culverts—Oakland, Calif.—Made plans rein.-con. culverts Fruitvale Ave. storm drain between East 10th St. and U. S. Tidal Canal. To exceed $90,000. W. W. Harmon, city engr.

Fire and Police Alarm Systems—Venice, Calif.—Plans election $165,000 bonds, for fire and police alarm systems.

Transmission Lines — Quebec—Ottawa-Montreal Power Co. Ltd., Hull, takes bids early in August, transmision lines at St. Lazare, $25,000, and Hudson, $30,000.

Transmisison Line—Abbotsford, Que.—Southern Canada Power Co. Ltd., Montreal, takes bids early in August, transmission lines here. $30,000.

Fire Alarm System — Quebec, Que. — Plans installing fire alarm telegraph system. $228,000. F. C. Laberge, 30 St. James St., Montreal, engr.

Power Lines — Ontario — Ontario Hydro Comn., 190 University Ave., Toronto, plans power line from Vittoria to Simcoe. $45,000. A. Beck, London, chn.

Hydro Power Line — Ontario — Ontario Hydro Power Comn., 190 University Ave., Toronto, plans extending power line from Cottam to Essex. $30,000. A. Beck, London, chn.

Wharf—Midland, Ont.—Dept. Pub. Wks., Parliament Bldgs., Ottawa, making plans new dock, here. $40,000. K. M. Cameron, Hunter Bldg., Ottawa, engr.

BIDS DESIRED

Subway—Boston, Mass.—Aug. 27, by Transit Dept., 1 Beacon St., building Sect. 1, Dorchester Rapid Transit between Dorchester Ave. and Harrison Sq. E. F. Condon, secy.; adv. E. N.-R. Aug. 6.

Heating and Ventilating—Medford, Mass.—City, C. H. Lowell, chn. School Building Com., taking bids heating and ventilating in school, Horne Ave., Fulton Heights. M. A. Dyer, 1 Beacon St., Boston, archt.

Construction Conditions

Construction is ahead of 1924 (the record year) not only in contracts awarded but in the value of proposed work on which bids have not yet been asked. To July 15, public contracts are 5 per cent greater than last year, private contracts 20 per cent.

The cost situation is very favorable to the awarding of new projects. Since May, 1924, the trend has been gently downward owing to falling prices. During this period the total decline was 9.2 per cent, with no change whatever in June, 1925. This amounts to a comparative stabilization, which is what the industry needed most. The extraordinary volume of contracts is the response.

The labor situation, also, is in a much more satisfactory condition than in previous years. There have been fewer strikes. Wages, except those of common labor, have increased slightly, but increased efficiency has seemed to offset this.

Ventilation Fans—New York, N. Y.—Sept. 8, by New York State Bridge & Tunnel Comn., G. R. Dyer, chn., and New Jersey Interstate Bridge & Tunnel Comn., T. Boettger, chn., Room 3004, Woolworth Bldg., ventilating and transformer fans with motor, in Holland Tunnel, Contr. 12.; adv. E. N.-R. Aug. 6.

Subway—New York, N. Y., Aug. 18, by Bd. Transportation, 49 Lafayette St., construction of Sect. 5, Route 78, under St. Nicholas Ave., from west 149th to West 160th Sts.

Electric Lights, Traffic Signals, etc.—Chicago, Ill.—See "Streets and Roads."

Transformers — Melbourne, Australia — Sept. 21, by Secretary State Electricity Comn., of Victoria, 32 William St., three 250 kva., 22,000-15-240 volt, 3 phase, 50 cycle, oil insulated self cooled outdoor type transformers and spare coils and bushings.

Towers—Wellington, New Zealand—Sept. 29, by Secretary Dept. Pub. Wks. constructing 440 suspension, 100 angle, and 20 strain galvanized steel transmission line towers, for Warkato Power Scheme, Sect. 124.

BIDS RECEIVED

Fire Alarm System—Brooklyn, N. Y.—Dept. Pub. Welfare, Municipal Bldg., New York City, July 27, fire alarm system in Kings Co. Hospital, here, from C. W. Mitchell, 1 DeKalb Ave., $37,690.

Station Finish, etc.—Brooklyn, N. Y.—Bd. Transportation, 49 Lafayette St., New York City, July 31, restoration of portions of station finish work in stations of Route 39, Sect. 2, Bway.-4th Ave., Agreement DX, from Dooley-Stapleton Corp., 257 Delphi Pl., $8,386, constructing station platform and reconstructing signal tower, Lawrence St. Sta., Route 33, Sect. 3, Agreement DV, from Wagner Eng. Co., 598 11th Ave., New York City, $7,860. Noted July 30.

Underground Cable — Long Island City, N. Y.—Police Dept., Municipal Bldg., New York City, July 30, underground cable here, from J. Sugden Co., 100 5th Ave., New York City, $21,705.

Gallow Frames—St. George, N. Y.—Dept. Plants & Structures, Municipal Bldg., New York City, July 31, reconstructing gallow frames for Slips 1, 2, 3 and 4, here, from J. E. Ogden, 147 Cedar St., New York City, $187,485.

Swimming Pool—Phila., Pa., Dept. Pub. Welfare, City Hall, 120 x 128 ft., bath house and 36 x 94 ft., pool, 26th and South Sts., from Conneen Constr. Co., 2315 Walnut St., $32,972.

CONTRACTS AWARDED

Heating System—Danbury, Conn.—Town, heating system in new high school, to W. Holman, Rose St., $32,842.

Gallow Frames—Brooklyn, N. Y.—W. W. Mills, Comr. Plans & Structures, Municipal Bldg., New York City, gallow frames and operating equipment, etc., for Rockaway Inlet ferry, here, to J. E. Ogden & Co., 147 Cedar St., New York City, $106,591. Noted July 30.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., laying tracks for Westchester Ave. Yard, to Slattery Eng. & Contg. Co., 10th Ave. and 43rd St., $113,-881. Noted July 30.

Iron Ore Dock—Superior, Wis.—Great Northern Ry. Co., 4th and Jackson Sts., St. Paul, Minn., rebuilding iron ore dock, steel superstructure, on piles and 600 ft. rein.-con. foundation, at Allouez Bay, here, to Sanitos Constr. Co., 3050 4th Ave. S., Minneapolis, Minn., $100,000.

Gas Pipe Line—Texas—O. K. Williams, Laredo, 73 mi. 12 in. gas pipe line from fields in Webb to McMullen Counties, to Mission Oil Co., Dwight Bldg., Kansas City, Mo., $2,000,000.

Wharf and Pier—Beaumont, Tex.—City, rebuilding Wharf Unit 1, 1,500 ft. creosoted wharf, to J. Jacobson, Galveston, $99,125. Rejected bids for constructing pier. Will readvertise. This corrects report in July 30 issue.

Pier—Port Burwell, Ont.—S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, rebuilding harbor pier to Thunder Bay Harbor Co., Port Arthur. $55,500. Noted July 2.

Fill—Kamloops, B. C.—Canadian Natl. Ry., 230 St. James St., Montreal, Que. 1,-000,000 cu.yd. fill for 1,500 ft. trestle, 110 ft. deep, to F. S. Magoffin, Calgary, Alta, $300,000.

Wharf—Parrsboro, N. S.—Dept. Pub. Wks., Ottawa, Ont. constructing wharf here to T. P. Charleson, 179 Gilmour St., Ottawa, Ont. $38,000.

Materials

BIDS DESIRED

Asphalt, etc.—Gulfport, Miss.—Aug. 10, by Bd. Supervs. Harrison Co., asphalt or other paving material, f.ob. Gulfport or Biloxi.

Cement — Cleveland, O. — Aug. 8, by Comrs., Cuyahoga Co., furnishing 1,000 sacks Lumnite Cement.

Pipe—Modesto, Calif.—City in market for 7,200 lin.ft. 4- to 8-in. Class B c.i. pipe. $7,500. F. W. McCarton, city engr.

Insulator Strings—Wellington, New Zealand—Oct. 13, by Secretary Dept. Pub. Wks., 3,600 suspension insulator and 300 strain insulator strings, Sect. 123, also 3,600 suspension clamps, 300 strain clamps and 150 parallel grove clamps, Sect. 128.

BIDS RECEIVED

Paving Blocks—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, July 29, 75,-000 granite paving blocks, from Hildreth Granite Co., Inc., 150 Nassau St., New York City, $10,425, 80,000 wood paving blocks, from Southern Wood Preserving Co., 10 East 43d St., New York City, $4,200. Noted July 23.

CONTRACTS AWARDED

Concrete—San Antonio, Tex.—City, approximately 100,000 bbl. Portland cement for dam in Alamo Heights, to San Antonio Portland Cement Co., Lakeview Ave., $3.07 per bbl., $0.10 rebate on sacks.

Cement—Napa, Calif.—Napa Co., 6,000 bbl. Portland cement, (a) delivered in Napa, (b) in Yountville (c) St. Helena, to H. Cowell Lime & Cement Co., 2 Market St., San Francisco, (a) $2.86 (b) $2.93 (c) $2.99.

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: August 28.

Sewer Construction

LETTING NO. 15

Louisville, Ky.

Sealed proposals will be received by the Commissioners of Sewerage of Louisville at its office, Board of Trade Building, 3rd & Main Sts., Louisville, Ky., until 12 o'clock noon, August 28, 1925, for the construction of the Thirty-Eighth St.-Duncan St. District Sewers and the Fortieth St. Sewer, embraced in one contract, Number 20.

Bids are invited upon the construction of the sewers in open trench.

Statement of approximate amounts of work embraced in this contract is:

1,250 linear feet of 60 inch reinforced concrete sewer.
1,950 linear feet of 48 inch reinforced concrete sewer.
515 linear feet of 42 inch reinforced concrete sewer.
435 linear feet of 39 inch plain concrete sewer.
3,030 linear feet of 36 inch plain concrete sewer.
400 linear feet of 30 inch plain concrete sewer.
315 linear feet of 24 inch pipe sewer.
330 linear feet of 18 inch pipe sewer.

8,225 linear feet of Sizes Total.

There will be included in the above sewers, approximately

8,225 linear feet of excavation at cuts from 5 feet to 15 feet.
2,210 cubic yards of concrete in sewer barrel.
120 cubic yards of concrete in Manholes, Junction Chambers, etc.
103,000 lbs. of reinforcing steel.
645 linear feet of pipe and pipe laying.

All pipe sewers will be laid in a concrete cradle.

Alternate bids will be received upon furnishing vitrified clay or cement concrete pipe for all pipe sewers.

Payment for earth excavation, pipe, pipe laying and concrete cradle will be by the linear foot and for concrete, payment will be by the cubic yard.

Drawings, Information for Bidders, Form of Proposal, Contract and Specifications may be had at the office of the Commission upon deposit of Ten Dollars ($10.00) to secure the return of same in good condition within thirty (30) days after the date set for the opening of the bids.

Each proposal shall be made upon the blank form furnished for this purpose and must be inclosed in a sealed envelope addressed to "Commissioners of Sewerage of Louisville, Board of Trade Bldg., 3rd & Main Sts., Louisville, Ky.," and accompanied by a certified check drawn upo na state or national bank or trust company established in the City of Louisville or in the City of New York, for an amount not less than ten (10) per cent of the total amount of accompanying proposal, payable to Commissioners of Sewerage of Louisville, or Bidder's Bond executed as set forth in Information for Bidders.

The right to accept any bid or reject any and all bids is reserved.

COMMISSIONERS OF SEWERAGE
OF LOUISVILLE
By MATT H. CRAWFORD,
Chairman.
P. H. HOGE, JR.,
Sec. & Treas.

J. R. F. BREED,
Chief Engineer.

Bids: August 27.

Sanitary Sewers

Winchester, Tenn.

The Mayor and Aldermen of Winchester, Tennessee, will receive bids for the construction of a system of sanitary sewers in Winchester until August 27th, at 2 p.m. For Instructions to Bidders, Synopsis of Specifications, and Form of Proposal, address

R. J. SHASTEEN, Mayor,
Winchester, Tenn.
C. H. JENKS, Engineer,
Union City, Tenn.

OFFICIAL PROPOSALS

Bids: August 25.

Letting of Drainage Ditch Construction

Geneseo, Ill.

Sealed proposals will be received by the Commissioners of the Mud Creek Special Drainage District in Henry County and State of Illinois until Tuesday, the 25th day of August, A.D. 1925, and until one o'clock p.m. of said day, at which time the bids will be publicly opened at the office of said Drainage District at 110 South State Street in Geneseo, Illinois. The work for which bids are desired consists of the construction of an extension of the main ditch about 13,500 feet in length and requiring the removal of approximately 241,850 cubic yards of material; the widening of a portion of the old main ditch south of the C. R. I. & P. R.R., requiring the removal of about 45,000 cubic yards of material; the construction of the Dwyer Lateral about 300 feet in length, requiring the removal of about 3,500 cubic yards of material; the construction of the Dow Tile Lateral requiring the furnishing and laying of about 5,500 feet of twenty-four inch drain tile and the construction of the Kuhn Tile Lateral requiring the furnishing and laying of about 2,000 feet of eighteen inch drain tile. All of the work is in the vicinity of Annawan, Illinois. Plans and specifications of the work may be seen at the residence of either of the Commissioners or at the office of the Engineer or Attorney, and from whom the same may be procured. Blue prints and specifications will be furnished at $2.50 per set. All bids should be mailed or delivered to the Commissioners. The right is reserved to reject any and all bids.

All bids must be on the form provided by the District and which may be procured from any of the persons named below.

July 28th, A.D., 1925.

SAMUEL PONT,
MELL VAN HYFTE,
JAMES S. DYNES,
Annawan, Illinois.
Commissioners of said Mud Creek Special Drainage District in Henry County and State of Illinois.

V. X. SMILEY, Engineer,
Geneseo, Illinois.
HENRY WATERMAN, Attorney,
Geneseo, Illnois.

Bids: August 12.

Exit Facilities and Fire Stops

Rochester, N. Y.

Sealed proposals for Construction—Exit Facilities and Fire Stops, Rochester State Hospital, Rochester, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 2 o'clock p.m. (Eastern Standard Time), Wednesday, August 12, 1925, when they will be publicly opened and read. The work consists of changes in doorways and partitions and miscellaneous work in various existing buildings, and the erection of fire escapes on existing buildings with wire guards and enclosures of steel frame work and corrugated asbestos board. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to 5% of the amount of proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4449. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Rochester State Hospital, Rochester, N. Y.; at the New York Office of the Department of Architecture, 18th Floor Flatiron Building, Broadway & 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained by persons or firms engaged in the line of work required at the discretion of the Architect from the Department of Architecture, Capitol, Albany, N. Y., upon the deposit of a certified check, or money, in the sum of $10.00, made payable to the State of New York, for each set of drawings and specifications, which deposit will be returned if the drawings and specifications are received in good condition by the State Architect, Sullivan W. Jones, Capitol, Albany, N. Y.

Dated: July 28, 1925.

OFFICIAL PROPOSALS

Bids: Sept. 1.

Roads and Bridges

SOUTH CAROLINA
STATE HIGHWAY DEPARTMENT
COLUMBIA
F. A. PROJECT NO. 252 CLARENDON-ORANGEBURG COUNTIES

Columbia, S. C.

Sealed bids will be publicly opened at 11:00 a.m. Tuesday, September 1, 1925, at the offices of the State Highway Department, 1626 Main St., Columbia, S. C., for the construction of the Santee River Bridge and Approaches on State Route No. 30 between Clarendon and Orangeburg Counties.

It is particularly desired that bidders bring their bids in person at the opening hour. Any bids sent by mail must be plainly marked on outside of envelope: "Bid for constructing F. A. Project No. 252 Santee River Bridge and Approaches. Bids to be opened at 11:00 a.m., September 1, 1925," and addressed simply: "P. O. Drawer No. 660, Columbia, S. C."

The work to be done consists of the construction of 9,620.5 ft. of bridge and embankment which includes 1—168' and 2—150' steel trusses on concrete piers, 6,863 lin.ft. of treated timber pile trestle and 2,286 lin.ft. of earth embankment, which includes 184,000 cu.yds. of earth.

This work is to be let in the following contracts: No. 1 (Sub-structure), No. 2 (Superstructure), No. 3 (Timber Trestle), No. 5 (Earth Fill).

Each proposal for contract No. 1 must be accompanied by a certified check for One Thousand Four Hundred ($1,400.00), contract No. 2 by a check for Nine Hundred Dollars ($900.00), contract No. 3 by a check for Five Thousand Eight Hundred Dollars ($5,800.00), contract No. 5 by a check for One Thousand Five Hundred Dollars ($1,500.00). All proposal guarantees are to be made payable to the Chief Highway Commissioner. Bid bonds will not be accepted.

Plans, specifications and proposal forms are on file at the office of the State Highway Engineer in Columbia. Plans will be furnished upon request accompanied by a check for $3.00 and no refund will be made for plans returned.

SAMUEL McGOWAN,
Chief Highway Commissioner.

Bids: Sept. 1.

Excavating, Grading and Drainage Structures

WESTCHESTER COUNTY PARK COMMISSION
Contract No. 45

Bronxville, N. Y.

Sealed bids for excavating, grading and drainage structures from Boston Post Road to New Rochelle Road, Hutchinson River Parkway, New York, will be received by the Westchester County Park Commission at its office, No. 72 West Pondfield Road Bronxville, New York, until 11 a.m. Daylight Saving Time, Sept. 1, 1925.

Pamphlets containing information for bidders, form of proposal, specifications and contract drawings may be obtained by intending bidders at the above address by depositing $5.00.

The right is reserved to reject any or all bids.

WESTCHESTER COUNTY PARK COMMISSION
By JAY DOWNER,
Chief Engineer.

Dated: August 4, 1925.